

<400> 990

Met Ala Asp Ile Gln Thr Glu Arg Ala Tyr Gln Lys Gln Pro Thr Ile
 1 5 10 15

Phe Gln Asn Lys Lys Arg Val Leu Leu Gly Glu Thr Gly Lys
 20 25 30

<210> 991

<211> 58

<212> PRT

<213> Homo sapiens

<400> 991

Lys Leu Pro Arg Val Thr Asn Lys Asn Ile Gly Leu Gly Phe Lys Asp
 1 5 10 15

Thr Pro Arg Arg Leu Leu Arg Gly Thr Tyr Ile Asp Lys Lys Cys Pro
 20 25 30

Phe Thr Gly Asn Val Ser Ile Arg Gly Arg Ile Leu Ser Gly Val Val
 35 40 45

Thr Gln Asp Glu Asp Ala Glu Asp His Cys
 50 55

<210> 992

<211> 38

<212> PRT

<213> Homo sapiens

<400> 992

His Cys His Pro Pro Arg Leu Ser Ala Leu His Pro Gln Val Gln Pro
 1 5 10 15

Leu Arg Glu Ala Pro Gln Glu His Val Cys Thr Pro Val Pro Leu Leu
 20 25 30

Gln Gly Arg Pro Asp Arg
 35

<210> 993

<211> 36

<212> PRT

<213> Homo sapiens

<400> 993

Met Lys Met Gln Arg Thr Ile Val Ile Arg Arg Asp Tyr Leu His Tyr
 1 5 10 15

Ile Arg Lys Tyr Asn Arg Phe Glu Lys Arg His Lys Asn Met Ser Val
 20 25 30

His Leu Ser Pro
 35

10004560-120701

<210> 994
 <211> 43
 <212> PRT
 <213> Homo sapiens

<400> 994
 Cys Phe Arg Asp Val Gln Ile Gly Asp Ile Val Thr Val Gly Glu Cys
 1 5 10 15

Arg Pro Leu Ser Lys Thr Val Arg Phe Asn Val Leu Lys Val Thr Lys
 20 25 30

Ala Ala Gly Thr Lys Lys Gln Phe Gln Lys Phe
 35 40

<210> 995
 <211> 33
 <212> PRT
 <213> Homo sapiens

<400> 995
 Pro Arg Arg Leu Leu Arg Gly Thr Tyr Ile Asp Lys Lys Cys Pro Phe
 1 5 10 15

Thr Gly Asn Val Ser Ile Arg Gly Arg Ile Leu Ser Gly Val Val Thr
 20 25 30

Gln

<210> 996
 <211> 29
 <212> PRT
 <213> Homo sapiens

<400> 996
 Ser Arg Gly Thr Gly Val Gln Thr Cys Ser Cys Gly Ala Ser Arg Ser
 1 5 10 15

Gly Cys Thr Cys Gly Cys Ser Ala Asp Ser Leu Gly Gly
 20 25

<210> 997
 <211> 32
 <212> PRT
 <213> Homo sapiens

<400> 997
 Gln Trp Ser Ser Ala Ser Ser Ser Trp Val Thr Thr Pro Glu Arg Ile
 1 5 10 15

Arg Pro Arg Met Asp Thr Leu Pro Val Lys Gly His Phe Leu Ser Met
 20 25 30

10004560-12001

$$\begin{array}{ll} \langle 210 \rangle & 1000 \\ \langle 211 \rangle & 32 \end{array}$$

<213> Homo sapiens

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<400> 1000  
Ile Phe Tyr Asp Ser Asp Trp Asn Pro Thr Val Asp Gln Gln Ala Met  
      1              5              10             15
```

Asp Arg Ala His Arg Leu Gly Gln Thr Lys Gln Val Thr Val Tyr Arg
20 25 30

<211> 31

<213> Homo sapiens

```
<400> 1001
Val Tyr Arg Leu Ile Cys Lys Gly Thr Ile Glu Glu Arg Ile Leu Gln
  1             5             10             15
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Arg Ala Lys Glu Lys Ser Glu Ile Gln Arg Met Val Ile Ser Gly
20 25 30

<211> 33

<213> Homo sapiens

<221> SITE

<222> (19)

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<222> (19)
<223> Xaa equals any of the naturally occurring L-amino acids
```

<400> 1002
Thr Arg Met Ile Asp Leu Leu Glu Glu Tyr Met Val Tyr Arg Lys His
1 5 10 15

Thr Tyr Xaa Arg Leu Asp Gly Ser Ser²⁵ Lys Ile Ser Glu Arg Arg Asp
20 30

Met

<211> 38

<213> Homo sapiens

<221> SITE

$\langle 222 \rangle$ (33)

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<222> (33)
<223> Xaa equals any of the naturally occurring L-amino acids
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<400> 1003

Arg Arg Asp Met Val Ala Asp Phe Gln Asn Arg Asn Asp Ile Phe Val
 1 5 10 15

Phe Leu Leu Ser Thr Arg Ala Gly Gly Leu Gly Ile Asn Leu Thr Ala
 20 25 30

Xaa Asp Thr Val His Phe
 35

<210> 1004

<211> 37

<212> PRT

<213> Homo sapiens

<400> 1004

Ile Phe Tyr Asp Ser Asp Trp Asn Pro Thr Val Asp Gln Gln Ala Met
 1 5 10 15

Asp Arg Ala His Arg Leu Gly Gln Thr Lys Gln Val Thr Val Tyr Arg
 20 25 30

Leu Ile Cys Lys Gly
 35

<210> 1005

<211> 37

<212> PRT

<213> Homo sapiens

<400> 1005

Ile Phe Tyr Asp Ser Asp Trp Asn Pro Thr Val Asp Gln Gln Ala Met
 1 5 10 15

Asp Arg Ala His Arg Leu Gly Gln Thr Lys Gln Val Thr Val Tyr Arg
 20 25 30

Leu Ile Cys Lys Gly
 35

<210> 1006

<211> 29

<212> PRT

<213> Homo sapiens

<400> 1006

Arg Leu Ile Cys Lys Gly Thr Ile Glu Glu Arg Ile Leu Gln Arg Ala
 1 5 10 15

Lys Glu Lys Ser Glu Ile Gln Arg Met Val Ile Ser Gly
 20 25

<210> 1007

<211> 69

10004350.120701

<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (20)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (63)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1007
Gly Thr Arg Met Ile Asp Leu Leu Glu Glu Tyr Met Val Tyr Arg Lys
1 5 10 15
His Thr Tyr Xaa Arg Leu Asp Gly Ser Ser Lys Ile Ser Glu Arg Arg
20 25 30
Asp Met Val Ala Asp Phe Gln Asn Arg Asn Asp Ile Phe Val Phe Leu
35 40 45
Leu Ser Thr Arg Ala Gly Gly Leu Gly Ile Asn Leu Thr Ala Xaa Asp
50 55 60
Thr Val His Phe Leu
65

<210> 1008
<211> 364
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (259)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (312)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1008
Met Ser Leu His Gly Lys Arg Lys Glu Ile Tyr Lys Tyr Glu Ala Pro
1 5 10 15
Trp Thr Val Tyr Ala Met Asn Trp Ser Val Arg Pro Asp Lys Arg Phe
20 25 30
Arg Leu Ala Leu Gly Ser Phe Val Glu Glu Tyr Asn Asn Lys Val Gln
35 40 45
Leu Val Gly Leu Asp Glu Glu Ser Ser Glu Phe Ile Cys Arg Asn Thr
50 55 60

10004860-120701

Phe Asp His Pro Tyr Pro Thr Thr Lys Leu Met Trp Ile Pro Asp Thr
 65 70 75 80
 Lys Gly Val Tyr Pro Asp Leu Leu Ala Thr Ser Gly Asp Tyr Leu Arg
 85 90 95
 Val Trp Arg Val Gly Glu Thr Glu Thr Arg Leu Glu Cys Leu Leu Asn
 100 105 110
 Asn Asn Lys Asn Ser Asp Phe Cys Ala Pro Leu Thr Ser Phe Asp Trp
 115 120 125
 Asn Glu Val Asp Pro Tyr Leu Leu Gly Thr Ser Ser Ile Asp Thr Thr
 130 135 140
 Cys Thr Ile Trp Gly Leu Glu Thr Gly Gln Val Leu Gly Arg Val Asn
 145 150 155 160
 Leu Val Ser Gly His Val Lys Thr Gln Leu Ile Ala His Asp Lys Glu
 165 170 175
 Val Tyr Asp Ile Ala Phe Ser Arg Ala Gly Gly Gly Arg Asp Met Phe
 180 185 190
 Ala Ser Val Gly Ala Asp Gly Ser Val Arg Met Phe Asp Leu Arg His
 195 200 205
 Leu Glu His Ser Thr Ile Ile Tyr Glu Asp Pro Gln His His Pro Leu
 210 215 220
 Leu Arg Leu Cys Trp Asn Lys Gln Asp Pro Asn Tyr Leu Ala Thr Met
 225 230 235 240
 Ala Met Asp Gly Met Glu Val Val Ile Leu Asp Val Arg Val Pro Ala
 245 250 255
 His Leu Xaa Pro Gly Thr Thr Ile Glu His Val Ser Met Ala Leu Leu
 260 265 270
 Gly Pro His Ile His Pro Ala Thr Ser Ala Leu Gln Arg Met Thr Thr
 275 280 285
 Arg Leu Ser Ser Gly Thr Ser Ser Lys Cys Pro Glu Pro Leu Arg Thr
 290 295 300
 Leu Ser Trp Pro Thr Gln Leu Xaa Gly Glu Ile Asn Asn Val Gln Trp
 305 310 315 320
 Ala Ser Thr Gln Pro Glu Leu Ser Pro Ser Ala Thr Thr Thr Ala Trp
 325 330 335
 Arg Tyr Ser Glu Cys Ser Val Gly Gly Ala Val Pro Thr Arg Gln Gly
 340 345 350
 Leu Leu Tyr Phe Leu Pro Leu Pro His Pro Gln Ser
 355 360

10004860-120701

<210> 1009
 <211> 136
 <212> PRT
 <213> Homo sapiens

<400> 1009

Met Ser Leu His Gly Lys Arg Lys Glu Ile Tyr Lys Tyr Glu Ala Pro
 1 5 10 15
 Trp Thr Val Tyr Ala Met Asn Trp Ser Val Arg Pro Asp Lys Arg Phe
 20 25 30
 Arg Leu Ala Leu Gly Ser Phe Val Glu Glu Tyr Asn Asn Lys Val Gln
 35 40 45
 Leu Val Gly Leu Asp Glu Glu Ser Ser Glu Phe Ile Cys Arg Asn Thr
 50 55 60
 Phe Asp His Pro Tyr Pro Thr Thr Lys Leu Met Trp Ile Pro Asp Thr
 65 70 75 80
 Lys Gly Val Tyr Pro Asp Leu Leu Ala Thr Ser Gly Asp Tyr Leu Arg
 85 90 95
 Val Trp Arg Val Gly Glu Thr Glu Thr Arg Leu Glu Cys Leu Leu Asn
 100 105 110
 Asn Asn Lys Asn Ser Asp Phe Cys Ala Pro Leu Thr Ser Phe Asp Trp
 115 120 125
 Asn Glu Val Asp Pro Tyr Leu Leu
 130 135

<210> 1010
 <211> 140
 <212> PRT
 <213> Homo sapiens

<220>

<221> SITE

<222> (135)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1010

Ser Phe Asp Trp Asn Glu Val Asp Pro Tyr Leu Leu Gly Thr Ser Ser
 1 5 10 15
 Ile Asp Thr Thr Cys Thr Ile Trp Gly Leu Glu Thr Gly Gln Val Leu
 20 25 30
 Gly Arg Val Asn Leu Val Ser Gly His Val Lys Thr Gln Leu Ile Ala
 35 40 45
 His Asp Lys Glu Val Tyr Asp Ile Ala Phe Ser Arg Ala Gly Gly Gly
 50 55 60
 Arg Asp Met Phe Ala Ser Val Gly Ala Asp Gly Ser Val Arg Met Phe

10004860-100701

65	70	75	80
Asp Leu Arg His	Leu Glu His Ser Thr Ile Ile Tyr Glu Asp Pro Gln		
	85	90	95
His His Pro Leu Leu Arg Leu Cys Trp Asn Lys Gln Asp Pro Asn Tyr			
	100	105	110
Leu Ala Thr Met Ala Met Asp Gly Met Glu Val Val Ile Leu Asp Val			
	115	120	125
Arg Val Pro Ala His Leu Xaa Pro Gly Thr Thr Ile			
	130	135	140

<210> 1011

<211> 170

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (118)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1011

Val Gly Ala Asp Gly Ser Val Arg Met Phe Asp Leu Arg His Leu Glu
1 5 10 15

His Ser Thr Ile Ile Tyr Glu Asp Pro Gln His His Pro Leu Leu Arg
20 25 30

Leu Cys Trp Asn Lys Gln Asp Pro Asn Tyr Leu Ala Thr Met Ala Met
35 40 45

Asp Gly Met Glu Val Val Ile Leu Asp Val Arg Val Pro Ala His Leu
50 55 60

Xaa Pro Gly Thr Thr Ile Glu His Val Ser Met Ala Leu Leu Gly Pro
65 70 75 80

His Ile His Pro Ala Thr Ser Ala Leu Gln Arg Met Thr Thr Arg Leu
85 90 95

Ser Ser Gly Thr Ser Ser Lys Cys Pro Glu Pro Leu Arg Thr Leu Ser
100 105 110

Trp Pro Thr Gln Leu Xaa Gly Glu Ile Asn Asn Val Gln Trp Ala Ser
115 120 125

Thr Gln Pro Glu Leu Ser Pro Ser Ala Thr Thr Thr Ala Trp Arg Tyr
130 135 140

10004860-120701

Ser Glu Cys Ser Val Gly Gly Ala Val Pro Thr Arg Gln Gly Leu Leu
145 150 155 160

Tyr Phe Leu Pro Leu Pro His Pro Gln Ser
165 170

<210> 1012

<211> 286

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (258)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1012

Leu Tyr Ala Thr Ala Thr Val Ile Ser Ser Pro Ser Thr Glu Xaa Leu
1 5 10 15

Ser Gln Asp Gln Gly Asp Arg Ala Ser Leu Asp Ala Ala Asp Ser Gly
20 25 30

Arg Gly Ser Trp Thr Ser Cys Ser Ser Gly Ser His Asp Asn Ile Gln
35 40 45

Thr Ile Gln His Gln Arg Ser Trp Glu Thr Leu Pro Phe Gly His Thr
50 55 60

His Phe Asp Tyr Ser Gly Asp Pro Ala Gly Leu Trp Ala Ser Ser Ser
65 70 75 80

His Met Asp Gln Ile Met Phe Ser Asp His Ser Thr Lys Tyr Asn Arg
85 90 95

Gln Asn Gln Ser Arg Glu Ser Leu Glu Gln Ala Gln Ser Arg Ala Ser
100 105 110

Trp Ala Ser Ser Thr Gly Tyr Trp Gly Glu Asp Ser Glu Gly Asp Thr
115 120 125

Gly Thr Ile Lys Arg Arg Gly Gly Lys Asp Val Ser Ile Glu Ala Glu
130 135 140

Ser Ser Ser Leu Thr Ser Val Thr Thr Glu Glu Thr Lys Pro Val Pro
145 150 155 160

Met Pro Ala His Ile Ala Val Ala Ser Ser Thr Thr Lys Gly Leu Ile
165 170 175

Ala Arg Lys Glu Gly Arg Tyr Arg Glu Pro Pro Pro Thr Pro Pro Gly
180 185 190

100466-120701

Tyr Ile Gly Ile Pro Ile Thr Asp Phe Pro Glu Gly His Ser His Pro
195 200 205

Ala Arg Lys Pro Pro Asp Tyr Asn Val Ala Leu Gln Arg Ser Arg Met
210 215 220

Val Ala Arg Ser Ser Asp Thr Ala Gly Pro Ser Ser Val Gln Gln Pro
225 230 235 240

His Gly His Pro Thr Ser Ser Arg Pro Val Asn Lys Pro Gln Trp His
245 250 255

Lys Xaa Asn Glu Ser Asp Pro Arg Leu Ala Pro Tyr Gln Ser Gln Gly
260 265 270

Phe Ser Thr Glu Glu Asp Glu Asp Glu Gln Val Ser Ala Val
275 280 285

<210> 1013

<211> 42

<212> PRT

<213> Homo sapiens

<400> 1013

His Met Asp Gln Ile Met Phe Ser Asp His Ser Thr Lys Tyr Asn Arg
1 5 10 15

Gln Asn Gln Ser Arg Glu Ser Leu Glu Gln Ala Gln Ser Arg Ala Ser
20 25 30

Trp Ala Ser Ser Thr Gly Tyr Trp Gly Glu
35 40

<210> 1014

<211> 51

<212> PRT

<213> Homo sapiens

<400> 1014

Ser Val Thr Thr Glu Glu Thr Lys Pro Val Pro Met Pro Ala His Ile
1 5 10 15

Ala Val Ala Ser Ser Thr Thr Lys Gly Leu Ile Ala Arg Lys Glu Gly
20 25 30

Arg Tyr Arg Glu Pro Pro Pro Thr Pro Pro Gly Tyr Ile Gly Ile Pro
35 40 45

Ile Thr Asp
50

<210> 1015

<211> 57

<212> PRT

10004360 120701

<213> Homo sapiens

<220>

<221> SITE

<222> (42)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1015

Val Ala Leu Gln Arg Ser Arg Met Val Ala Arg Ser Ser Asp Thr Ala
1 5 10 15

Gly Pro Ser Ser Val Gln Gln Pro His Gly His Pro Thr Ser Ser Arg
20 25 30

Pro Val Asn Lys Pro Gln Trp His Lys Xaa Asn Glu Ser Asp Pro Arg
35 40 45

Leu Ala Pro Tyr Gln Ser Gln Gly Phe
50 55

<210> 1016

<211> 41

<212> PRT

<213> Homo sapiens

<400> 1016

Cys Leu Leu Phe Val Phe Val Ser Leu Gly Met Arg Cys Leu Phe Trp
1 5 10 15

Thr Ile Val Tyr Asn Val Leu Tyr Leu Lys His Lys Cys Asn Thr Val
20 25 30

Leu Leu Cys Tyr His Leu Cys Ser Ile
35 40

<210> 1017

<211> 67

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (34)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (46)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (47)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

1004650-10701

<221> SITE

<222> (65)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1017

Ala Cys Ser Lys Leu Ile Pro Ala Phe Glu Met Val Met Arg Ala Lys
1 5 10 15

Asp Asn Val Tyr His Leu Asp Cys Phe Ala Cys Gln Leu Cys Asn Gln
20 25 30

Arg Xaa Cys Val Gly Asp Lys Phe Phe Leu Lys Asn Asn Xaa Xaa Leu
35 40 45

Cys Gln Thr Asp Tyr Glu Glu Gly Leu Met Lys Glu Gly Tyr Ala Pro
50 55 60

Xaa Val Arg
65

<210> 1018

<211> 45

<212> PRT

<213> Homo sapiens

<400> 1018

Ser Ala Leu Ser Glu Pro Gly Ala Pro Asp Arg Arg Arg Pro Cys Pro
1 5 10 15

Glu Ser Val Pro Arg Arg Pro Asp Asp Glu Gln Trp Pro Pro Pro Thr
20 25 30

Ala Leu Cys Leu Asp Val Ala Pro Leu Pro Pro Ser Ser
35 40 45

<210> 1019

<211> 43

<212> PRT

<213> Homo sapiens

<400> 1019

Pro Val Gly Tyr Leu Asp Lys Gln Val Pro Asp Thr Ser Val Gln Glu
1 5 10 15

Thr Asp Arg Ile Leu Val Glu Lys Arg Cys Trp Asp Ile Ala Leu Gly
20 25 30

Pro Leu Lys Gln Ile Pro Met Asn Leu Phe Ile
35 40

<210> 1020

<211> 214

<212> PRT

<213> Homo sapiens

10004350-120701

<400> 1020

Ala His Ala Ser Glu Ser Gly Glu Arg Trp Trp Ala Cys Cys Gly Val
 1 5 10 15

Arg Phe Gly Leu Arg Ser Ile Glu Ala Ile Gly Arg Ser Cys Cys His
 20 25 30

Asp Gly Pro Gly Gly Leu Val Ala Asn Arg Gly Arg Arg Phe Lys Trp
 35 40 45

Ala Ile Glu Leu Ser Gly Pro Gly Gly Gly Ser Arg Gly Arg Ser Asp
 50 55 60

Arg Gly Ser Gly Gln Gly Asp Ser Leu Tyr Pro Val Gly Tyr Leu Asp
 65 70 75 80

Lys Gln Val Pro Asp Thr Ser Val Gln Glu Thr Asp Arg Ile Leu Val
 85 90 95

Glu Lys Arg Cys Trp Asp Ile Ala Leu Gly Pro Leu Lys Gln Ile Pro
 100 105 110

Met Asn Leu Phe Ile Met Tyr Met Ala Gly Asn Thr Ile Ser Ile Phe
 115 120 125

Pro Thr Met Met Val Cys Met Met Ala Trp Arg Pro Ile Gln Ala Leu
 130 135 140

Met Ala Ile Ser Ala Thr Phe Lys Met Leu Glu Ser Ser Ser Gln Lys
 145 150 155 160

Phe Leu Gln Gly Leu Val Tyr Leu Ile Gly Asn Leu Met Gly Leu Ala
 165 170 175

Leu Ala Val Tyr Lys Cys Gln Ser Met Gly Leu Leu Pro Thr His Ala
 180 185 190

Ser Asp Trp Leu Ala Phe Ile Glu Pro Pro Glu Arg Met Glu Phe Ser
 195 200 205

Gly Gly Gly Leu Leu Leu
 210

<210> 1021

<211> 46

<212> PRT

<213> Homo sapiens

<400> 1021

Ala Thr Phe Lys Met Leu Glu Ser Ser Ser Gln Lys Phe Leu Gln Gly
 1 5 10 15

Leu Val Tyr Leu Ile Gly Asn Leu Met Gly Leu Ala Leu Ala Val Tyr
 20 25 30

Lys Cys Gln Ser Met Gly Leu Leu Pro Thr His Ala Ser Asp
 35 40 45

10004860.120701

<210> 1022
 <211> 43
 <212> PRT
 <213> Homo sapiens

<400> 1022
 Pro Val Gly Tyr Leu Asp Lys Gln Val Pro Asp Thr Ser Val Gln Glu
 1 5 10 15
 Thr Asp Arg Ile Leu Val Glu Lys Arg Cys Trp Asp Ile Ala Leu Gly
 20 25 30
 Pro Leu Lys Gln Ile Pro Met Asn Leu Phe Ile
 35 40

<210> 1023
 <211> 48
 <212> PRT
 <213> Homo sapiens

<400> 1023
 Pro Thr Thr Lys Leu Asp Ile Met Glu Lys Lys Lys His Ile Gln Ile
 1 5 10 15
 Arg Phe Pro Ser Phe Tyr His Lys Leu Val Asp Ser Gly Arg Met Arg
 20 25 30
 Ser Lys Arg Glu Thr Arg Arg Glu Asp Ser Asp Thr Lys His Asn Leu
 35 40 45

<210> 1024
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 1024
 Phe Leu Trp Lys Ser Leu Leu Leu Arg Tyr Phe Lys Met Arg Gln His
 1 5 10 15

<210> 1025
 <211> 36
 <212> PRT
 <213> Homo sapiens

<400> 1025
 Tyr His Tyr Leu Leu Ser Ser Phe Leu Ser Tyr Ser Ser Ser Ser Gln
 1 5 10 15

10004360-120701

Asn Leu Pro Val Tyr Gly Arg Lys Met Gly Thr Leu Phe Glu Cys Val
 20 25 30

Phe Phe Phe Pro
 35

<210> 1026

<211> 167

<212> PRT

<213> Homo sapiens

<400> 1026

Thr Glu His Ile Ile Ala Val Met Ile Thr Glu Leu Arg Gly Lys Asp
 1 5 10 15

Ile Leu Ser Tyr Leu Glu Lys Asn Ile Ser Val Gln Met Thr Ile Ala
 20 25 30

Val Gly Thr Arg Met Pro Pro Lys Asn Phe Ser Arg Gly Ser Leu Val
 35 40 45

Phe Val Ser Ile Ser Phe Ile Val Leu Met Ile Ile Ser Ser Ala Trp
 50 55 60

Leu Ile Phe Tyr Phe Ile Gln Lys Ile Arg Tyr Thr Asn Ala Arg Asp
 65 70 75 80

Arg Asn Gln Arg Arg Leu Gly Asp Ala Ala Lys Lys Ala Ile Ser Lys
 85 90 95

Leu Thr Thr Arg Thr Val Lys Lys Gly Asp Lys Glu Thr Asp Pro Asp
 100 105 110

Phe Asp His Cys Ala Val Cys Ile Glu Ser Tyr Lys Gln Asn Asp Val
 115 120 125

Val Arg Ile Leu Pro Cys Lys His Val Phe His Lys Ser Cys Val Asp
 130 135 140

Pro Trp Leu Ser Glu His Cys Thr Cys Pro Met Cys Lys Leu Asn Ile
 145 150 155 160

Leu Lys Ala Leu Gly Ile Val
 165

<210> 1027

<211> 276

<212> PRT

<213> Homo sapiens

<400> 1027

Met Thr His Pro Gly Thr Glu His Ile Ile Ala Val Met Ile Thr Glu
 1 5 10 15

Leu Arg Gly Lys Asp Ile Leu Ser Tyr Leu Glu Lys Asn Ile Ser Val

10004850-12001

20 25 30
 Gln Met Thr Ile Ala Val Gly Thr Arg Met Pro Pro Lys Asn Phe Ser
 35 40 45
 Arg Gly Ser Leu Val Phe Val Ser Ile Ser Phe Ile Val Leu Met Ile
 50 55 60
 Ile Ser Ser Ala Trp Leu Ile Phe Tyr Phe Ile Gln Lys Ile Arg Tyr
 65 70 75 80
 Thr Asn Ala Arg Asp Arg Asn Gln Arg Arg Leu Gly Asp Ala Ala Lys
 85 90 95
 Lys Ala Ile Ser Lys Leu Thr Thr Arg Thr Val Lys Lys Gly Asp Lys
 100 105 110
 Glu Thr Asp Pro Asp Phe Asp His Cys Ala Val Cys Ile Glu Ser Tyr
 115 120 125
 Lys Gln Asn Asp Val Val Arg Ile Leu Pro Cys Lys His Val Phe His
 130 135 140
 Lys Ser Cys Val Asp Pro Trp Leu Ser Glu His Cys Thr Cys Pro Met
 145 150 155 160
 Cys Lys Leu Asn Ile Leu Lys Ala Leu Gly Ile Val Pro Asn Leu Pro
 165 170 175
 Cys Thr Asp Asn Val Ala Phe Asp Met Glu Arg Leu Thr Arg Thr Gln
 180 185 190
 Ala Val Asn Arg Arg Ser Ala Leu Gly Asp Leu Ala Gly Asp Asn Ser
 195 200 205
 Leu Gly Leu Glu Pro Leu Arg Thr Ser Gly Ile Ser Pro Leu Pro Gln
 210 215 220
 Asp Gly Glu Leu Thr Pro Arg Thr Gly Glu Ile Asn Ile Ala Val Thr
 225 230 235 240
 Lys Glu Trp Phe Ile Ile Ala Ser Phe Gly Leu Leu Ser Ala Leu Thr
 245 250 255
 Leu Cys Tyr Met Ile Ile Arg Ala Thr Ala Ser Leu Asn Ala Asn Glu
 260 265 270
 Val Glu Trp Phe
 275

<210> 1028

<211> 69

<212> PRT

<213> Homo sapiens

<400> 1028

Thr Glu His Ile Ile Ala Val Met Ile Thr Glu Leu Arg Gly Lys Asp

1000450-120701

1 5 10 15

Ile Leu Ser Tyr Leu Glu Lys Asn Ile Ser Val Gln Met Thr Ile Ala
20 25 30

Val Gly Thr Arg Met Pro Pro Lys Asn Phe Ser Arg Gly Ser Leu Val
35 40 45

Phe Val Ser Ile Ser Phe Ile Val Leu Met Ile Ile Ser Ser Ala Trp
50 55 60

Leu Ile Phe Tyr Phe
65

<210> 1029
<211> 58
<212> PRT
<213> Homo sapiens

<400> 1029
Ser Ile Ser Phe Ile Val Leu Met Ile Ile Ser Ser Ala Trp Leu Ile
1 5 10 15

Phe Tyr Phe Ile Gln Lys Ile Arg Tyr Thr Asn Ala Arg Asp Arg Asn
20 25 30

Gln Arg Arg Leu Gly Asp Ala Ala Lys Lys Ala Ile Ser Lys Leu Thr
35 40 45

Thr Arg Thr Val Lys Lys Gly Asp Lys Glu
50 55

<210> 1030
<211> 66
<212> PRT
<213> Homo sapiens

<400> 1030
Val Lys Lys Gly Asp Lys Glu Thr Asp Pro Asp Phe Asp His Cys Ala
1 5 10 15

Val Cys Ile Glu Ser Tyr Lys Gln Asn Asp Val Val Arg Ile Leu Pro
20 25 30

Cys Lys His Val Phe His Lys Ser Cys Val Asp Pro Trp Leu Ser Glu
35 40 45

His Cys Thr Cys Pro Met Cys Lys Leu Asn Ile Leu Lys Ala Leu Gly
50 55 60

Ile Val
65

<210> 1031
<211> 106

10004350.12001

<212> PRT

<213> Homo sapiens

<400> 1031

Met Thr His Pro Gly Thr Glu His Ile Ile Ala Val Met Ile Thr Glu
 1 5 10 15

Leu Arg Gly Lys Asp Ile Leu Ser Tyr Leu Glu Lys Asn Ile Ser Val
 20 25 30

Gln Met Thr Ile Ala Val Gly Thr Arg Met Pro Pro Lys Asn Phe Ser
 35 40 45

Arg Gly Ser Leu Val Phe Val Ser Ile Ser Phe Ile Val Leu Met Ile
 50 55 60

Ile Ser Ser Ala Trp Leu Ile Phe Tyr Phe Ile Gln Lys Ile Arg Tyr
 65 70 75 80

Thr Asn Ala Arg Asp Arg Asn Gln Arg Arg Leu Gly Asp Ala Ala Lys
 85 90 95

Lys Ala Ile Ser Lys Leu Thr Thr Arg Thr
 100 105

<210> 1032

<211> 84

<212> PRT

<213> Homo sapiens

<400> 1032

Ala Ala Lys Lys Ala Ile Ser Lys Leu Thr Thr Arg Thr Val Lys Lys
 1 5 10 15

Gly Asp Lys Glu Thr Asp Pro Asp Phe Asp His Cys Ala Val Cys Ile
 20 25 30

Glu Ser Tyr Lys Gln Asn Asp Val Val Arg Ile Leu Pro Cys Lys His
 35 40 45

Val Phe His Lys Ser Cys Val Asp Pro Trp Leu Ser Glu His Cys Thr
 50 55 60

Cys Pro Met Cys Lys Leu Asn Ile Leu Lys Ala Leu Gly Ile Val Pro
 65 70 75 80

Asn Leu Pro Cys

<210> 1033

<211> 86

<212> PRT

<213> Homo sapiens

<400> 1033

Thr Gln Ala Val Asn Arg Arg Ser Ala Leu Gly Asp Leu Ala Gly Asp

10004860-10004860

1 5 10 15
 Asn Ser Leu Gly Leu Glu Pro Leu Arg Thr Ser Gly Ile Ser Pro Leu
 20 25 30
 Pro Gln Asp Gly Glu Leu Thr Pro Arg Thr Gly Glu Ile Asn Ile Ala
 35 40 45
 Val Thr Lys Glu Trp Phe Ile Ile Ala Ser Phe Gly Leu Leu Ser Ala
 50 55 60
 Leu Thr Leu Cys Tyr Met Ile Ile Arg Ala Thr Ala Ser Leu Asn Ala
 65 70 75 80
 Asn Glu Val Glu Trp Phe
 85

<210> 1034

<211> 341

<212> PRT

<213> Homo sapiens

<400> 1034

Pro Leu His Gly Val Ala Asp His Leu Gly Cys Asp Pro Gln Thr Arg
 1 5 10 15
 Phe Phe Val Pro Pro Asn Ile Lys Gln Trp Ile Ala Leu Leu Gln Arg
 20 25 30
 Gly Asn Cys Thr Phe Lys Glu Lys Ile Ser Arg Ala Ala Phe His Asn
 35 40 45
 Ala Val Ala Val Val Ile Tyr Asn Asn Lys Ser Lys Glu Glu Pro Val
 50 55 60
 Thr Met Thr His Pro Gly Thr Glu His Ile Ile Ala Val Met Ile Thr
 65 70 75 80
 Glu Leu Arg Gly Lys Asp Ile Leu Ser Tyr Leu Glu Lys Asn Ile Ser
 85 90 95
 Val Gln Met Thr Ile Ala Val Gly Thr Arg Met Pro Pro Lys Asn Phe
 100 105 110
 Ser Arg Gly Ser Leu Val Phe Val Ser Ile Ser Phe Ile Val Leu Met
 115 120 125
 Ile Ile Ser Ser Ala Trp Leu Ile Phe Tyr Phe Ile Gln Lys Ile Arg
 130 135 140
 Tyr Thr Asn Ala Arg Asp Arg Asn Gln Arg Arg Leu Gly Asp Ala Ala
 145 150 155 160
 Lys Lys Ala Ile Ser Lys Leu Thr Thr Arg Thr Val Lys Lys Gly Asp
 165 170 175
 Lys Glu Thr Asp Pro Asp Phe Asp His Cys Ala Val Cys Ile Glu Ser

100048660-120701

180 185 190

Tyr Lys Gln Asn Asp Val Val Arg Ile Leu Pro Cys Lys His Val Phe
195 200 205

His Lys Ser Cys Val Asp Pro Trp Leu Ser Glu His Cys Thr Cys Pro
210 215 220

Met Cys Lys Leu Asn Ile Leu Lys Ala Leu Gly Ile Val Pro Asn Leu
225 230 235 240

Pro Cys Thr Asp Asn Val Ala Phe Asp Met Glu Arg Leu Thr Arg Thr
245 250 255

Gln Ala Val Asn Arg Arg Ser Ala Leu Gly Asp Leu Ala Gly Asp Asn
260 265 270

Ser Leu Gly Leu Glu Pro Leu Arg Thr Ser Gly Ile Ser Pro Leu Pro
275 280 285

Gln Asp Gly Glu Leu Thr Pro Arg Thr Gly Glu Ile Asn Ile Ala Val
290 295 300

Thr Lys Glu Trp Phe Ile Ile Ala Ser Phe Gly Leu Leu Ser Ala Leu
305 310 315 320

Thr Leu Cys Tyr Met Ile Ile Arg Ala Thr Ala Ser Leu Asn Ala Asn
325 330 335

Glu Val Glu Trp Phe
340

<210> 1035

<211> 60

<212> PRT

<213> Homo sapiens

<400> 1035

His Gly Val Ala Asp His Leu Gly Cys Asp Pro Gln Thr Arg Phe Phe
1 5 10 15

Val Pro Pro Asn Ile Lys Gln Trp Ile Ala Leu Leu Gln Arg Gly Asn
20 25 30

Cys Thr Phe Lys Glu Lys Ile Ser Arg Ala Ala Phe His Asn Ala Val
35 40 45

Ala Val Val Ile Tyr Asn Asn Lys Ser Lys Glu Glu
50 55 60

<210> 1036

<211> 314

<212> PRT

<213> Homo sapiens

<220>

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<221> SITE

<222> (189)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1036

Met Ser Gly Gln Gly Leu Ala Gly Phe Phe Ala Ser Val Ala Met Ile
 1 5 10 15

Cys Ala Ile Ala Ser Gly Ser Glu Leu Ser Glu Ser Ala Phe Gly Tyr
 20 25 30

Phe Ile Thr Ala Cys Ala Val Ile Ile Leu Thr Ile Ile Cys Tyr Leu
 35 40 45

Gly Leu Pro Arg Leu Glu Phe Tyr Arg Tyr Tyr Gln Gln Leu Lys Leu
 50 55 60

Glu Gly Pro Gly Glu Gln Glu Thr Lys Leu Asp Leu Ile Ser Lys Gly
 65 70 75 80

Glu Glu Pro Arg Ala Gly Lys Glu Glu Ser Gly Val Ser Val Ser Asn
 85 90 95

Ser Gln Pro Thr Asn Glu Ser His Ser Ile Lys Ala Ile Leu Lys Asn
 100 105 110

Ile Ser Val Leu Ala Phe Ser Val Cys Phe Ile Phe Thr Ile Thr Ile
 115 120 125

Gly Met Phe Pro Ala Val Thr Val Glu Val Lys Ser Ser Ile Ala Gly
 130 135 140

Ser Ser Thr Trp Glu Arg Tyr Phe Ile Pro Val Ser Cys Phe Leu Thr
 145 150 155 160

Phe Asn Ile Phe Asp Trp Leu Gly Arg Ser Leu Thr Ala Val Phe Met
 165 170 175

Trp Pro Gly Lys Asp Ser Arg Trp Leu Pro Ser Trp Xaa Leu Ala Arg
 180 185 190

Leu Val Phe Val Pro Leu Leu Leu Cys Asn Ile Lys Pro Arg Arg
 195 200 205

Tyr Leu Thr Val Val Phe Glu His Asp Ala Trp Phe Ile Phe Phe Met
 210 215 220

Ala Ala Phe Ala Phe Ser Asn Gly Tyr Leu Ala Ser Leu Cys Met Cys
 225 230 235 240

Phe Gly Pro Lys Lys Val Lys Pro Ala Glu Ala Glu Thr Ala Glu Pro
 245 250 255

Ser Trp Pro Ser Ser Cys Val Trp Val Trp His Trp Gly Leu Phe Ser
 260 265 270

Pro Ser Cys Ser Gly Gln Leu Cys Asp Lys Gly Trp Thr Glu Gly Leu
 275 280 285

10004360-120701

Pro Ala Ser Leu Pro Val Cys Leu Leu Pro Leu Pro Ser Ala Arg Gly
290 295 300

Asp Pro Glu Trp Ser Gly Gly Phe Phe Phe
305 310

<210> 1037

<211> 106

<212> PRT

<213> Homo sapiens

<400> 1037

Met Ser Gly Gln Gly Leu Ala Gly Phe Phe Ala Ser Val Ala Met Ile
1 5 10 15

Cys Ala Ile Ala Ser Gly Ser Glu Leu Ser Glu Ser Ala Phe Gly Tyr
20 25 30

Phe Ile Thr Ala Cys Ala Val Ile Ile Leu Thr Ile Ile Cys Tyr Leu
35 40 45

Gly Leu Pro Arg Leu Glu Phe Tyr Arg Tyr Tyr Gln Gln Leu Lys Leu
50 55 60

Glu Gly Pro Gly Glu Gln Glu Thr Lys Leu Asp Leu Ile Ser Lys Gly
65 70 75 80

Glu Glu Pro Arg Ala Gly Lys Glu Glu Ser Gly Val Ser Val Ser Asn
85 90 95

Ser Gln Pro Thr Asn Glu Ser His Ser Ile
100 105

<210> 1038

<211> 81

<212> PRT

<213> Homo sapiens

<400> 1038

Ser Gly Val Ser Val Ser Asn Ser Gln Pro Thr Asn Glu Ser His Ser
1 5 10 15

Ile Lys Ala Ile Leu Lys Asn Ile Ser Val Leu Ala Phe Ser Val Cys
20 25 30

Phe Ile Phe Thr Ile Thr Ile Gly Met Phe Pro Ala Val Thr Val Glu
35 40 45

Val Lys Ser Ser Ile Ala Gly Ser Ser Thr Trp Glu Arg Tyr Phe Ile
50 55 60

Pro Val Ser Cys Phe Leu Thr Phe Asn Ile Phe Asp Trp Leu Gly Arg
65 70 75 80

Ser

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<210> 1039
 <211> 92
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (63)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 1039
 Thr Ile Gly Met Phe Pro Ala Val Thr Val Glu Val Lys Ser Ser Ile
 1 5 10 15
 Ala Gly Ser Ser Thr Trp Glu Arg Tyr Phe Ile Pro Val Ser Cys Phe
 20 25 30
 Leu Thr Phe Asn Ile Phe Asp Trp Leu Gly Arg Ser Leu Thr Ala Val
 35 40 45
 Phe Met Trp Pro Gly Lys Asp Ser Arg Trp Leu Pro Ser Trp Xaa Leu
 50 55 60
 Ala Arg Leu Val Phe Val Pro Leu Leu Leu Leu Cys Asn Ile Lys Pro
 65 70 75 80
 Arg Arg Tyr Leu Thr Val Val Phe Glu His Asp Ala
 85 90

<210> 1040
 <211> 74
 <212> PRT
 <213> Homo sapiens

<400> 1040
 Phe Gly Pro Lys Lys Val Lys Pro Ala Glu Ala Glu Thr Ala Glu Pro
 1 5 10 15
 Ser Trp Pro Ser Ser Cys Val Trp Val Trp His Trp Gly Leu Phe Ser
 20 25 30
 Pro Ser Cys Ser Gly Gln Leu Cys Asp Lys Gly Trp Thr Glu Gly Leu
 35 40 45
 Pro Ala Ser Leu Pro Val Cys Leu Leu Pro Leu Pro Ser Ala Arg Gly
 50 55 60
 Asp Pro Glu Trp Ser Gly Gly Phe Phe Phe
 65 70

<210> 1041
 <211> 135
 <212> PRT

1004960 "120701

<213> Homo sapiens

<220>

<221> SITE

<222> (96)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (97)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (98)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (99)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (100)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (101)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (102)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (103)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (104)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (105)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (106)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

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<221> SITE
 <222> (107)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (108)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (109)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (110)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (111)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (112)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (130)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 1041
 Asp Asp Asp Gly Phe Glu Ile Val Pro Ile Glu Asp Pro Ala Lys His
 1 5 10 15
 Arg Ile Leu Asp Pro Glu Gly Leu Ala Leu Gly Ala Val Ile Ala Ser
 20 25 30
 Ser Lys Lys Ala Lys Arg Asp Leu Ile Asp Asn Ser Phe Asn Arg Tyr
 35 40 45
 Thr Phe Asn Glu Asp Glu Gly Glu Leu Pro Glu Trp Phe Val Gln Glu
 50 55 60
 Glu Lys Gln His Arg Ile Arg Gln Leu Pro Val Gly Lys Lys Glu Val
 65 70 75 80
 Glu His Tyr Arg Lys Arg Trp Arg Glu Ile Asn Ala Arg Pro Ile Xaa
 85 90 95
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 100 105 110
 Leu Glu Gln Thr Arg Lys Lys Ala Glu Ala Val Val Asn Thr Val Asp
 115 120 125

10004350-120701

Ile Xaa Arg Thr Arg Glu Ser
130 135

<210> 1042
<211> 50
<212> PRT
<213> Homo sapiens

<400> 1042
Asp Asp Asp Gly Phe Glu Ile Val Pro Ile Glu Asp Pro Ala Lys His
1 5 10 15

Arg Ile Leu Asp Pro Glu Gly Leu Ala Leu Gly Ala Val Ile Ala Ser
20 25 30

Ser Lys Lys Ala Lys Arg Asp Leu Ile Asp Asn Ser Phe Asn Arg Tyr
35 40 45

Thr Phe
50

<210> 1043
<211> 51
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (12)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (13)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (14)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (15)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (16)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (17)
<223> Xaa equals any of the naturally occurring L-amino acids

10004860-120701

<220>
<221> SITE
<222> (18)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (19)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (20)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (21)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (22)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (23)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (24)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (25)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (26)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (27)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (28)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE

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[illegible]

<400> 1043

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Glu Gln Thr
20 25 30

Arg Lys Lys Ala Glu Ala Val Val Asn Thr Val Asp Ile Xaa Arg Thr
35 40 45

Arg Glu Ser
50

<210> 1044

<211> 216

<212> PRT

<213> Homo sapiens

<400> 1044

Met Ile Lys Asp Lys Gly Arg Ala Arg Thr Ala Leu Thr Ser Ser Gln
1 5 10 15

Pro Ala His Leu Cys Pro Glu Asn Pro Leu Leu His Leu Lys Ala Ala
20 25 30

Val Lys Glu Lys Lys Arg Asn Lys Lys Lys Lys Thr Ile Gly Ser Pro
35 40 45

Lys Arg Ile Gln Ser Pro Leu Asn Asn Lys Leu Leu Asn Ser Pro Ala
50 55 60

Lys Thr Leu Pro Gly Ala Cys Gly Ser Pro Gln Lys Leu Ile Asp Gly
65 70 75 80

Phe Leu Lys His Glu Gly Pro Pro Ala Glu Lys Pro Leu Glu Glu Leu
85 90 95

Ser Ala Ser Thr Ser Gly Val Pro Gly Leu Ser Ser Leu Gln Ser Asp
100 105 110

Pro Ala Gly Cys Val Arg Pro Pro Ala Pro Asn Leu Ala Gly Ala Val
115 120 125

Glu Phe Asn Asp Val Lys Thr Leu Leu Arg Glu Trp Ile Thr Thr Ile
130 135 140

Ser Asp Pro Met Glu Glu Asp Ile Leu Gln Val Val Lys Tyr Cys Thr
145 150 155 160

Asp Leu Ile Glu Glu Lys Asp Leu Glu Lys Leu Asp Leu Val Ile Lys
165 170 175

Tyr Met Lys Arg Leu Met Gln Gln Ser Val Glu Ser Val Trp Asn Met
180 185 190

Ala Phe Asp Phe Ile Leu Asp Asn Val Gln Val Val Leu Gln Gln Thr
195 200 205

Tyr Gly Ser Thr Leu Lys Val Thr
210 215

<210> 1045

<211> 52

<212> PRT

<213> Homo sapiens

<400> 1045

Met Ile Lys Asp Lys Gly Arg Ala Arg Thr Ala Leu Thr Ser Ser Gln
1 5 10 15

Pro Ala His Leu Cys Pro Glu Asn Pro Leu Leu His Leu Lys Ala Ala
20 25 30

Val Lys Glu Lys Lys Arg Asn Lys Lys Lys Lys Thr Ile Gly Ser Pro
35 40 45

Lys Arg Ile Gln
50

<210> 1046

<211> 100

<212> PRT

<213> Homo sapiens

<400> 1046

Lys Arg Ile Gln Ser Pro Leu Asn Asn Lys Leu Leu Asn Ser Pro Ala
1 5 10 15

Lys Thr Leu Pro Gly Ala Cys Gly Ser Pro Gln Lys Leu Ile Asp Gly
20 25 30

Phe Leu Lys His Glu Gly Pro Pro Ala Glu Lys Pro Leu Glu Glu Leu
35 40 45

Ser Ala Ser Thr Ser Gly Val Pro Gly Leu Ser Ser Leu Gln Ser Asp
50 55 60

Pro Ala Gly Cys Val Arg Pro Pro Ala Pro Asn Leu Ala Gly Ala Val
65 70 75 80

Glu Phe Asn Asp Val Lys Thr Leu Leu Arg Glu Trp Ile Thr Thr Ile
85 90 95

Ser Asp Pro Met
100

<210> 1047

<211> 74

<212> PRT

10004850-120701

3> Homo sapiens

0> 1047

Ile Ser Asp Pro Met Glu Glu Asp Ile Leu Gln Val Val Lys Tyr
5 10 15

Thr Asp Leu Ile Glu Glu Lys Asp Leu Glu Lys Leu Asp Leu Val
20 25 30

Lys Tyr Met Lys Arg Leu Met Gln Gln Ser Val Glu Ser Val Trp
35 40 45

Met Ala Phe Asp Phe Ile Leu Asp Asn Val Gln Val Val Leu Gln
50 55 60

Thr Tyr Gly Ser Thr Leu Lys Val Thr
5 70

10> 1048

11> 156

12> PRT

13> Homo sapiens

00> 1048

Cys Cys Lys Thr Thr Trp Thr Leu Ser Arg Ile Lys Ser Asn Ala
1 5 10 15

Phe Gln Thr Asp Ser Thr Asp Cys Cys Ile Ser Leu Phe Met Tyr
20 25 30

Ile Thr Arg Ser Ser Phe Ser Lys Ser Phe Ser Ser Ile Arg Ser
35 40 45

Gln Tyr Phe Thr Thr Trp Arg Met Ser Ser Ser Ile Gly Ser Glu
50 55 60

Val Val Ile His Ser Leu Ser Lys Val Phe Thr Ser Leu Asn Ser
55 70 75 80

Ala Pro Ala Arg Leu Gly Ala Gly Gly Leu Thr Gln Pro Ala Gly
85 90 95

Asp Cys Lys Leu Glu Arg Pro Gly Thr Pro Glu Val Glu Ala Glu
100 105 110

Ser Ser Arg Gly Phe Ser Ala Gly Gly Pro Ser Cys Phe Arg Asn
115 120 125

Ser Ile Asn Phe Trp Gly Leu Pro Gln Ala Pro Gly Arg Val Phe
130 135 140

Gly Leu Leu Ser Ser Leu Leu Phe Lys Gly Leu
145 150 155

:210> 1049

:211> 25

10004850-120701

<212> PRT

<213> Homo sapiens

<400> 1049

Trp Thr Leu Ser Arg Ile Lys Ser Asn Ala Ile Phe Gln Thr Asp Ser
 1 5 10 15

Thr Asp Cys Cys Ile Ser Leu Phe Met
 20 25

<210> 1050

<211> 37

<212> PRT

<213> Homo sapiens

<400> 1050

Phe Thr Thr Trp Arg Met Ser Ser Ser Ile Gly Ser Glu Ile Val Val
 1 5 10 15

Ile His Ser Leu Ser Lys Val Phe Thr Ser Leu Asn Ser Thr Ala Pro
 20 25 30

Ala Arg Leu Gly Ala
 35

<210> 1051

<211> 28

<212> PRT

<213> Homo sapiens

<400> 1051

Gly Gly Pro Ser Cys Phe Arg Asn Pro Ser Ile Asn Phe Trp Gly Leu
 1 5 10 15

Pro Gln Ala Pro Gly Arg Val Phe Ala Gly Leu Leu
 20 25

<210> 1052

<211> 18

<212> PRT

<213> Homo sapiens

<400> 1052

Phe Cys His Asp Cys Lys Phe Pro Glu Ala Ser Pro Ala Met Asn Cys
 1 5 10 15

Glu Pro

<210> 1053

<211> 18

<212> PRT

<213> Homo sapiens

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<400> 1053

Phe Cys His Asp Cys Lys Phe Pro Glu Ala Ser Pro Ala Met Asn Cys
 1 5 10 15

Glu Pro

<210> 1054

<211> 9

<212> PRT

<213> Homo sapiens

<400> 1054

His Glu Pro Tyr Ala Val Leu Val Ile
 1 5

<210> 1055

<211> 27

<212> PRT

<213> Homo sapiens

<400> 1055

Pro Gln Pro Ser Asn Phe Pro Thr Thr Val Arg Asn Leu Pro Tyr Ser
 1 5 10 15

Gly Ala Gly Ala Gln Pro Pro Pro Ser Asn Cys
 20 25

<210> 1056

<211> 134

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (130)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1056

Met Ala Ser Ser Val Pro Ala Gly Gly His Thr Arg Ala Gly Gly Ile
 1 5 10 15

Phe Leu Ile Gly Lys Leu Asp Leu Glu Ala Ser Leu Phe Lys Ser Phe
 20 25 30

Gln Trp Leu Pro Phe Val Leu Arg Lys Lys Cys Asn Phe Phe Cys Trp
 35 40 45

Asp Ser Ser Ala His Ser Leu Pro Leu His Pro Leu Ser Ala Ser Cys
 50 55 60

Ser Ala Pro Ala Cys His Ala Ser Asp Thr His Leu Leu Tyr Pro Ser
 65 70 75 80

Thr Arg Ala Leu Cys Pro Ser Ile Phe Ala Trp Leu Val Ala Pro His

10004860-120701

85 90 95

Ser Val Phe Arg Thr Asn Ala Pro Gly Pro Thr Pro Ser Ser Gln Ser
100 105 110

Ser Pro Val Phe Pro Val Phe Pro Val Ser Phe Met Ala Leu Ile Val
115 120 125

Cys Xaa Leu Val Cys Cys
130

<210> 1057
<211> 71
<212> PRT
<213> Homo sapiens

<400> 1057

Met Ala Ser Ser Val Pro Ala Gly Gly His Thr Arg Ala Gly Gly Ile
1 5 10 15

Phe Leu Ile Gly Lys Leu Asp Leu Glu Ala Ser Leu Phe Lys Ser Phe
20 25 30

Gln Trp Leu Pro Phe Val Leu Arg Lys Lys Cys Asn Phe Phe Cys Trp
35 40 45

Asp Ser Ser Ala His Ser Leu Pro Leu His Pro Leu Ser Ala Ser Cys
50 55 60

Ser Ala Pro Ala Cys His Ala
65 70

<210> 1058
<211> 46
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (42)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1058

Phe Ala Trp Leu Val Ala Pro His Ser Val Phe Arg Thr Asn Ala Pro
1 5 10 15

Gly Pro Thr Pro Ser Ser Gln Ser Ser Pro Val Phe Pro Val Phe Pro
20 25 30

Val Ser Phe Met Ala Leu Ile Val Cys Xaa Leu Val Cys Cys
35 40 45

<210> 1059
<211> 134
<212> PRT

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<213> Homo sapiens

<220>

<221> SITE

<222> (130).

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1059

Met Ala Ser Ser Val Pro Ala Gly Gly His Thr Arg Ala Gly Gly Ile
1 5 10 15

Phe Leu Ile Gly Lys Leu Asp Leu Glu Ala Ser Leu Phe Lys Ser Phe
20 25 30

Gln Trp Leu Pro Phe Val Leu Arg Lys Lys Cys Asn Phe Phe Cys Trp
35 40 45

Asp Ser Ser Ala His Ser Leu Pro Leu His Pro Leu Ser Ala Ser Cys
50 55 60

Ser Ala Pro Ala Cys His Ala Ser Asp Thr His Leu Leu Tyr Pro Ser
65 70 75 80

Thr Arg Ala Leu Cys Pro Ser Ile Phe Ala Trp Leu Val Ala Pro His
85 90 95

Ser Val Phe Arg Thr Asn Ala Pro Gly Pro Thr Pro Ser Ser Gln Ser
100 105 110

Ser Pro Val Phe Pro Val Phe Pro Val Ser Phe Met Ala Leu Ile Val
115 120 125

Cys Xaa Leu Val Cys Cys
130

<210> 1060

<211> 118

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (112)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1060

Leu Val Asn Trp Ile Leu Lys Leu His Cys Leu Asn Leu Phe Ser Gly
1 5 10 15

Phe Pro Leu Tyr Leu Glu Lys Asn Ala Thr Ser Ser Ala Gly Thr His
20 25 30

Pro Leu Thr Ala Phe Pro Ser Thr Leu Ser Leu Pro His Ala Leu Pro
35 40 45

Leu Pro Ala Met Pro Pro Ile Leu Thr Phe Cys Thr Pro Ala Pro Val
50 55 60

1004860.120701

Trp His Pro Val Leu Met Val Thr Gly Phe Val Phe Ile Gln Gly Ile
50 55 60

Ala Ile Ile Val Tyr Arg Leu Pro Trp Thr Trp Lys Cys Ser Lys Leu
65 70 75 80

Leu Met Lys Ser Ile His Ala Gly Leu Asn Ala Val Ala Ala Ile Leu
85 90 95

Ala Ile Ile Ser Val Val Ala Val Phe Glu Asn His Asn Val Asn Asn
100 105 110

Ile Ala Asn Met Tyr Ser Leu His Ser Trp Val Gly Leu Ile Ala Val
115 120 125

Ile Cys Tyr Leu Leu Gln Leu Leu Ser Gly Phe Ser Val Phe Leu Leu
130 135 140

Pro Trp Ala Pro Leu Ser Leu Arg Ala Phe Leu Met Pro Ile His Val
145 150 155 160

Tyr Ser Gly Ile Val Ile Phe Gly Thr Val Ile Ala Thr Ala Leu Met
165 170 175

Gly Leu Thr Glu Lys Leu Ile Phe Ser Leu Arg Asp Pro Ala Tyr Ser
180 185 190

Thr Phe Pro Pro Glu Gly Val Phe Val Asn Thr Leu Gly Leu Leu Ile
195 200 205

Leu Val Phe Gly Ala Leu Ile Phe Trp Ile Val Thr Arg Pro Gln Trp
210 215 220

Lys Arg Pro Lys Glu Pro Asn Ser Thr Ile Leu His Pro Asn Gly Gly
225 230 235 240

Thr Glu Gln Gly Ala Arg Gly Ser Met Pro Ala Tyr Ser Gly Asn Asn
245 250 255

Met Asp Lys Ser Asp Ser Glu Leu Asn Ser Glu Val Ala Ala Arg Lys
260 265 270

Arg Asn Leu Ala Leu Asp Glu Ala Gly Gln Arg Ser Thr Met
275 280 285

<210> 1064

<211> 16

<212> PRT

<213> Homo sapiens

<400> 1064

Ala His Ala Ser Ala His Ala Ser Gly Gly Ala Glu Tyr Gly Ala Leu
1 5 10 15

<210> 1065

<211> 116

10004850-120701

[illegible]

Gln Tyr Ser Gln Tyr Val Gln Ser Ala Gln Leu Gly Trp Thr Asp Ser
1 5 10 15

Cys His Met Leu Phe Val Thr Ala Ser Phe Arg Phe Phe Ser Leu Ser
20 25 30

Ala Ser Met Gly Ser Ala Phe Ser Pro Ser Ile Ser His Ala His Thr
35 40 45

Cys Leu Phe Trp Asn Cys His Leu Trp Asn Ser Asp Cys Asn Ser Thr
50 55 60

Tyr Gly Ile Asp Arg Glu Thr Asp Phe Phe Pro Glu Arg Ser Cys Ile
65 70 75 80

Gln Tyr Ile Pro Ala Arg Arg Cys Phe Arg Lys Tyr Ala Trp Pro Ser
85 90 95

Asp Pro Gly Val Arg Gly Pro His Phe Leu Asp Ser His Gln Thr Ala
100 105 110

Met Glu Thr Ser
115

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<210> 1066
<211> 34
<212> PRT
<213> Homo sapiens
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<400> 1066

Ala Ser Met Gly Ser Ala Phe Ser Pro Ser Ile Ser His Ala His Thr
1 5 10 15

Cys Leu Phe Trp Asn Cys His Leu Trp Asn Ser Asp Cys Asn Ser Thr
20 25 30

Tyr Gly

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<210> 1067
<211> 119
<212> PRT
<213> Homo sapiens
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 $\langle \underline{400} \rangle$ 1067

Phe Val His Val Val Ala Arg Val Gly Trp His Gly Thr Ser Cys Ser
1 5 10 15

Leu Phe Ser Ala Ser Ile Trp Met Lys Asn Gly Arg Ile Trp Leu Leu
20 25 30

Arg Thr Phe Pro Leu Arg Ser Glv Asp Tyr Pro Lys Asn Glu Gly Pro

35

40

45

Glu His Gln Asp Gln Lys Ala Lys Arg Ile Tyr Glu Asn Thr Phe Trp
50 55 60

Arg Glu Cys Thr Val Cys Arg Ile Ser Gln Gly Lys Asn Gln Phe Leu
65 70 75 80

Cys Gln Ser His Lys Cys Cys Cys Asn His Cys Ser Lys Asp Asp Asn
85 90 95

Ser Arg Ile Asn Met Tyr Gly His Glu Lys Cys Ser Glu Arg Lys Arg
100 105 110

Ser Pro Trp Lys Gln Lys Asp
115

<210> 1068

<211> 32

<212> PRT

<213> Homo sapiens

<400> 1068

Ala Ser Ile Trp Met Lys Asn Gly Arg Ile Trp Leu Leu Arg Thr Phe
1 5 10 15

Pro Leu Arg Ser Gly Asp Tyr Pro Lys Asn Glu Gly Pro Glu His Gln
20 25 30

<210> 1069

<211> 43

<212> PRT

<213> Homo sapiens

<400> 1069

Pro Gly Arg Ala Gly Pro Ser Pro Gly Leu Ser Leu Gln Leu Pro Ala
1 5 10 15

Glu Pro Gly His Pro Ala Gly Asn Leu Ala Pro Leu Thr Ser Arg Pro
20 25 30

Gln Pro Leu Cys Arg Ile Pro Ala Val Pro Gly
35 40

<210> 1070

<211> 42

<212> PRT

<213> Homo sapiens

<400> 1070

Ala Arg Gly Arg Arg Arg Gly Arg Leu Glu Leu Trp Glu Leu Cys Leu
1 5 10 15

10004560-120701

Gln Gln Leu Leu Gln Gly Ser Pro Phe Asp Gly Leu His Leu Asp Leu
225 230 235 240

<400> 1074

Gly Ser Pro Phe Asp Gly Leu His Leu Asp Leu Gly Val Ala Gly Lys
1 5 10 15

Gly Ser Ala Gln His Lys Arg Ser Ile Leu Leu His Glu Gly Leu Cys
20 25 30

<210> 1075

<211> 30

<212> PRT

<213> Homo sapiens

<400> 1075

His Leu Met Asp Ile Ile Phe Lys Ile Lys Glu Arg Ser Asn Leu Leu
1 5 10 15

Phe Gln Thr Gly Ala Gly Thr Ile Glu Leu Val Asp Gln Pro
20 25 30

<210> 1076

<211> 126

<212> PRT

<213> Homo sapiens

<400> 1076

Asp Glu Pro Cys Pro Pro Pro Ala Ala Ser Cys Ala Pro Pro Ser Trp
1 5 10 15

Arg Met Glu Leu Arg Thr Gly Ser Val Gly Ser Gln Ala Val Ala Arg
20 25 30

Arg Met Asp Gly Asp Ser Arg Asp Gly Gly Gly Gly Lys Asp Ala Thr
35 40 45

Gly Ser Glu Asp Tyr Glu Asn Leu Pro Thr Ser Ala Ser Val Ser Thr
50 55 60

His Met Thr Ala Gly Ala Met Ala Gly Ile Leu Glu His Ser Val Met
65 70 75 80

Tyr Pro Val Asp Ser Val Lys Thr Arg Met Gln Ser Leu Ser Pro Asp
85 90 95

Pro Lys Ala Gln Tyr Thr Ser Ile Tyr Gly Ala Leu Lys Lys Ile Met
100 105 110

Arg Thr Glu Ala Ser Gly Gly Pro Cys Glu Ala Ser Thr Ser
115 120 125

<210> 1077

<211> 34

<212> PRT

<213> Homo sapiens

1075-1076

<400> 1077

Arg Met Glu Leu Arg Thr Gly Ser Val Gly Ser Gln Ala Val Ala Arg
 1 5 10 15

Arg Met Asp Gly Asp Ser Arg Asp Gly Gly Gly Gly Lys Asp Ala Thr
 20 25 30

Gly Ser

<210> 1078

<211> 27

<212> PRT

<213> Homo sapiens

<400> 1078

Pro Val Asp Ser Val Lys Thr Arg Met Gln Ser Leu Ser Pro Asp Pro
 1 5 10 15

Lys Ala Gln Tyr Thr Ser Ile Tyr Gly Ala Leu
 20 25

<210> 1079

<211> 424

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (152)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (314)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (359)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1079

Met Lys Leu Leu Gly Glu Cys Ser Ser Ser Ile Asp Ser Val Lys Arg
 1 5 10 15

Leu Glu His Lys Leu Lys Glu Glu Glu Glu Ser Leu Pro Gly Phe Val
 20 25 30

Asn Leu His Ser Thr Glu Thr Gln Thr Ala Gly Val Ile Asp Arg Trp
 35 40 45

Glu Leu Leu Gln Ala Gln Ala Leu Ser Lys Glu Leu Arg Met Lys Gln
 50 55 60

10004560-120701

Asn Leu Gln Lys Trp Gln Gln Phe Asn Ser Asp Leu Asn Ser Ile Trp
 65 70 75 80
 Ala Trp Leu Gly Asp Thr Glu Glu Glu Leu Glu Gln Leu Gln Arg Leu
 85 90 95
 Glu Leu Ser Thr Asp Ile Gln Thr Ile Glu Leu Gln Ile Lys Lys Leu
 100 105 110
 Lys Glu Leu Gln Lys Ala Val Asp His Arg Lys Ala Ile Ile Leu Ser
 115 120 125
 Ile Asn Leu Cys Ser Pro Glu Phe Thr Gln Ala Asp Ser Lys Glu Ser
 130 135 140
 Arg Asp Leu Gln Asp Arg Leu Xaa Gln Met Asn Gly Arg Trp Asp Arg
 145 150 155 160
 Val Cys Ser Leu Leu Glu Glu Trp Arg Gly Leu Leu Gln Asp Ala Leu
 165 170 175
 Met Gln Cys Gln Gly Phe His Glu Met Ser His Gly Leu Leu Leu Met
 180 185 190
 Leu Glu Asn Ile Asp Arg Arg Lys Asn Glu Ile Val Pro Ile Asp Ser
 195 200 205
 Asn Leu Asp Ala Glu Ile Leu Gln Asp His His Lys Gln Leu Met Gln
 210 215 220
 Ile Lys His Glu Leu Leu Glu Ser Gln Leu Arg Val Ala Ser Leu Gln
 225 230 235 240
 Asp Met Ser Cys Gln Leu Leu Val Asn Ala Glu Gly Thr Asp Cys Leu
 245 250 255
 Glu Ala Lys Glu Lys Val His Val Ile Gly Asn Arg Leu Lys Leu Leu
 260 265 270
 Leu Lys Glu Val Ser Arg His Ile Lys Glu Leu Glu Lys Leu Leu Asp
 275 280 285
 Val Ser Ser Ser Gln Gln Asp Leu Ser Ser Trp Ser Ser Ala Asp Glu
 290 295 300
 Leu Asp Thr Ser Gly Ser Val Ser Pro Xaa Ser Gly Arg Ser Thr Pro
 305 310 315 320
 Asn Arg Gln Lys Thr Pro Arg Gly Lys Cys Ser Leu Ser Gln Pro Gly
 325 330 335
 Pro Ser Val Ser Ser Pro His Ser Arg Ser Thr Lys Gly Gly Ser Asp
 340 345 350
 Ser Ser Leu Ser Glu Pro Xaa Pro Gly Arg Ser Gly Arg Gly Phe Leu
 355 360 365
 Phe Arg Val Leu Arg Ala Ala Leu Pro Leu Gln Leu Leu Leu Leu

10004860.120701

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<210> 1080
<211> 110
<212> PRT
<213> Homo sapiens
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<210> 1081
<211> 136
<212> PRT
<213> Homo sapiens
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<220>
<221> SITE
<222> (42)
<223> Xaa equals any of the naturally occurring L-amino acids .

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<400> 1081
Lys Leu Lys Glu Leu Gln Lys Ala Val Asp His Arg Lys Ala Ile Ile
  1                      5          10          15
Leu Ser Ile Asn Leu Cys Ser Pro Glu Phe Thr Gln Ala Asp Ser Lys
          20          25          30
Glu Ser Arg Asp Leu Gln Asp Arg Leu Xaa Gln Met Asn Gly Arg Trp

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43

Ala Leu Met Gln Cys Gln Gly Phe His Glu Met Ser His Gly Leu Leu
65 70 75 80

Leu Met Leu Glu Asn Ile Asp Arg Arg Lys Asn Glu Ile Val Pro Ile
85 90 95

Asp Ser Asn Leu Asp Ala Glu Ile Leu Gln Asp His His Lys Gln Leu
100 105 110

Met Gln Ile Lys His Glu Leu Leu Glu Ser Gln Leu Arg Val Ala Ser
115 120 125

Leu Gln Asp Met Ser Cys Gln Leu
130 135

<210> 1082

<211> 105

<212> PRT

<213> Homo sapiens

$\langle 220 \rangle$

<221> SITE

<222> (75)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1082

Gln Asp Met Ser Cys Gln Leu Leu Val Asn Ala Glu Gly Thr Asp Cys
1 5 10 15

Leu Glu Ala Lys Glu Lys Val His Val Ile Gly Asn Arg Leu Lys Leu
20 25 30

Leu Leu Lys Glu Val Ser Arg His Ile Lys Glu Leu Glu Lys Leu Leu
35 40 45

Asp Val Ser Ser Ser Gln Gln Asp Leu Ser Ser Trp Ser Ser Ala Asp
50 55 60

Glu Leu Asp Thr Ser Gly Ser Val Ser Pro Xaa Ser Gly Arg Ser Thr
65 70 75 80

Pro Asn Arg Gln Lys Thr Pro Arg Gly Lys Cys Ser Leu Ser Gln Pro
85 90 95

Gly Pro Ser Val Ser Ser Pro His Ser
100 105

<210> 1083

<211> 73

<212> PRT

<213> Homo. sapiens

[illegible]

<220>

<221> SITE

<222> (8)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1083

Asp Ser Ser Leu Ser Glu Pro Xaa Pro Gly Arg Ser Gly Arg Gly Phe
 1 5 10 15

Leu Phe Arg Val Leu Arg Ala Ala Leu Pro Leu Gln Leu Leu Leu
 20 25 30

Leu Leu Ile Gly Leu Ala Cys Leu Val Pro Met Ser Glu Glu Asp Tyr
 35 40 45

Ser Cys Ala Leu Ser Asn Asn Phe Ala Arg Ser Phe His Pro Met Leu
 50 55 60

Arg Tyr Thr Asn Gly Pro Pro Pro Leu
 65 70

<210> 1084

<211> 60

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (10)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1084

Gln Arg Phe Leu Pro Pro Gly Ser Cys Xaa Leu Ile Arg Gly Pro Gln
 1 5 10 15

Cys Pro Arg Val Thr Asp Pro Thr Thr Gly Gln Ser Leu Asp Asp Ser
 20 25 30

Arg Phe Gln Ile Gln Gln Thr Glu Asn Ile Ile Arg Ser Lys Thr Pro
 35 40 45

Thr Gly Pro Glu Leu Asp Thr Ser Tyr Lys Gly Tyr
 50 55 60

<210> 1085

<211> 215

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (64)

<223> Xaa equals any of the naturally occurring L-amino acids

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 Leu Cys Ile Lys Val Arg Ile Asn Arg Asp Asn Phe Ile Phe Pro Ser
 35 40 45
 Val Asn Val Leu Gln His Lys Lys Gln Thr Met Ala His Phe Met Glu
 50 55 60
 Thr Leu Ala Leu His Gln Gly Ile Leu Gln Gln Ala Pro Pro Leu Leu
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 Gln Gln Arg Ala His Ser Val Pro Ala Pro Ile His Leu Xaa Gln Ala
 85 90 95
 Ile Leu Gln Val Pro Ala Leu Leu Ala Val Ser Leu Gly Glu Leu Arg
 100 105 110
 Ala Ala Glu Ile Asp Gly Glu Asp Asp Gly Phe Ala Val Val His Ser
 115 120 125
 Phe Leu Glu Leu Leu Glu Leu Phe Asp Leu Glu Leu Asp Gly Leu Asp
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<210> 1090
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<400> 1090
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 Gln Gly Gly Ala Arg Pro Gly Thr Val Pro Gly Thr Pro Gly Pro Leu
 35 40 45

Pro Gly Leu Ser Pro Ala Pro Pro Pro Gln His Pro Pro Pro Leu Pro

10004860-1200

50

55

60

Lys Leu Phe Leu Leu Cys Leu Ser Xaa Ser Leu Pro Gln Asp Phe Ser
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Leu Leu Leu Cys Leu Ser Leu Asp Pro Cys Pro Ser Ser Thr Ser Asp
85 90 95

Leu

<210> 1093

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<213> Homo sapiens

<400> 1093

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Pro Pro Pro Gln His Pro Pro Pro Leu Pro Lys Leu Phe Leu
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20 25 30

Leu Tyr Ala Gly Leu Ser Thr Ser Ser Ala Ser Lys Ala Gln Gly Trp
35 40 45

His Cys Leu Gly Leu Glu Tyr Pro Ser Gly Ala Ile Met Glu Val Arg
50 55 60

Gly Arg Gly Gly Asp Arg Tyr Ala Gln Gly Pro Ser Lys Cys Trp Arg
65 70 75 80

Gly Cys Xaa Leu Val Gly Ser Gly Ser Val Thr Ala Ile Leu Cys Pro
85 90 95

10004360-120701

Gly Trp Gly Lys Ala Trp Asp Ser Ala Arg His Pro Arg Thr Pro Ser
100 105 110

Arg Leu Val Ser Cys Ser Thr Ala Ser Thr Pro Pro Thr Pro Ala Gln
115 120 125

Ala Val Ser Pro Leu Pro Leu Xaa Phe Pro Ala Pro Gly Leu Leu Ser
130 135 140

Ser Pro Leu Pro Leu Leu Gly Pro Leu Pro Phe Leu Tyr Leu
145 150 155

<210> 1095

<211> 37

<212> PRT

<213> Homo sapiens

<400> 1095

Thr Ala Leu Arg Arg Gly Val Leu Leu Tyr Ala Gly Leu Ser Thr Ser
1 5 10 15

Ser Ala Ser Lys Ala Gln Gly Trp His Cys Leu Gly Leu Glu Tyr Pro
20 25 30

Ser Gly Ala Ile Met
35

<210> 1096

<211> 33

<212> PRT

<213> Homo sapiens

<400> 1096

Ala Ile Leu Cys Pro Gly Trp Gly Lys Ala Trp Asp Ser Ala Arg His
1 5 10 15

Pro Arg Thr Pro Ser Arg Leu Val Ser Cys Ser Thr Ala Ser Thr Pro
20 25 30

Pro

<210> 1097

<211> 112

<212> PRT

<213> Homo sapiens

<220> .

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

10004301001

<222> (28)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (67)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1097

Pro Pro Val Phe Met Ala Ser His Arg Pro Xaa Gly Met Glu Pro Gly
1 5 10 15

Glu Trp Arg Phe Val Leu Val His Ile Ala Phe Xaa Cys Ala Trp Asp
20 25 30

Leu Val Cys Glu His Val Ser Val Cys Ser Gln Val Arg Gly Arg Gly
35 40 45

Arg Ala Gly Val Gln Gly Glu Ala Glu Glu Lys Arg Glu Val Leu Gly
50 55 60

Gln Gly Xaa Arg Glu Ala Glu Glu Lys Gln Leu Gly Gln Gly Trp Gly
65 70 75 80

Val Leu Arg Arg Trp Ser Arg Arg Gln Ala Trp Lys Gly Ser Trp Gly
85 90 95

Ala Trp His Cys Pro Arg Pro Cys Pro Thr Leu Asp Arg Gly Trp Leu
100 105 110

<210> 1098

<211> 29

<212> PRT

<213> Homo sapiens

<400> 1098

His Val Ser Val Cys Ser Gln Val Arg Gly Arg Gly Arg Ala Gly Val
1 5 10 15

Gln Gly Glu Ala Glu Glu Lys Arg Glu Val Leu Gly Gln
20 25

<210> 1099

<211> 56

<212> PRT

<213> Homo sapiens

<400> 1099

Met Lys Leu Leu Ile Cys Gly Asn Tyr Leu Ala Pro Ser His Ser Glu
1 5 10 15

Ser Ser Arg Arg Cys Cys Leu Leu Cys Phe Tyr Pro Leu Cys Leu Glu
20 25 30

10004360 120701

Ile Asn Phe Gly Met Lys Val Phe Leu Ser Met Pro Phe Leu Val Leu
 35 40 45

Phe Gln Ser Leu Ile Gln Glu Asp
 50 55

<210> 1100

<211> 50

<212> PRT

<213> Homo sapiens

<400> 1100

Phe Ser Ser Pro Gln Gly Leu Lys Phe Arg Ser Lys Ser Ser Leu Ala
 1 5 10 15

Asn Tyr Leu His Lys Asn Gly Glu Thr Ser Leu Lys Pro Glu Asp Phe
 20 25 30

Asp Phe Thr Val Leu Ser Lys Arg Gly Ile Lys Ser Arg Tyr Lys Asp
 35 40 45

Cys Ser
 50

<210> 1101

<211> 137

<212> PRT

<213> Homo sapiens

<400> 1101

Glu Leu Leu Cys Tyr Ile Cys Trp Lys Asn Thr Gly Leu Phe Ser Phe
 1 5 10 15

Phe Leu Ser Val Phe Arg Gly Met Val Ser Ser Val Lys Ser Phe Leu
 20 25 30

Val Gly Glu Gln Leu Leu Ser Ile Ser Glu Pro Arg Phe Lys Met Ser
 35 40 45

Val Cys Lys Cys Ser Phe Leu Ser Thr Thr Ser Thr Phe Val Pro Ile
 50 55 60

Ser Ser Asp Ser Lys Lys Val Ser Ser Tyr Phe Ser Leu Cys Ser Glu
 65 70 75 80

Ser Leu Ala Glu Gln Asn Leu Phe Met Met Pro Glu Val Phe Cys Ser
 85 90 95

Glu Gln Lys Phe Asp Pro Glu Leu Asn Asp Leu Ser Phe Phe Phe Thr
 100 105 110

Arg Leu Phe Ser Ser Leu Val Thr Leu Arg Val Ser Pro His Ala Pro
 115 120 125

Ala Ser Glu Met Gln Thr Val Leu Ser

10004360.120701

130

135

<210> 1102

<211> 36

<212> PRT

<213> Homo sapiens

<400> 1102

Thr Phe Val Pro Ile Ser Ser Asp Ser Lys Lys Val Ser Ser Tyr Phe
 1 5 10 15

Ser Leu Cys Ser Glu Ser Leu Ala Glu Gln Asn Leu Phe Met Met Pro
 20 25 30

Glu Val Phe Cys
 35

<210> 1103

<211> 271

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (112)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (231)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1103

Arg Ile Leu Leu Val Lys Tyr Ser Ala Asn Glu Glu Asn Lys Tyr Asp
 1 5 10 15

Tyr Leu Pro Thr Thr Val Asn Val Cys Ser Glu Leu Val Lys Leu Val
 20 25 30

Phe Cys Val Leu Val Ser Phe Cys Val Ile Lys Lys Asp His Gln Ser
 35 40 45

Arg Asn Leu Lys Tyr Ala Ser Trp Lys Glu Phe Ser Asp Phe Met Lys
 50 55 60

Trp Ser Ile Pro Ala Phe Leu Tyr Phe Leu Asp Asn Leu Ile Val Phe
 65 70 75 80

Tyr Val Leu Ser Tyr Leu Gln Pro Ala Met Ala Val Ile Phe Ser Asn
 85 90 95

Phe Ser Ile Ile Thr Thr Ala Leu Leu Phe Arg Ile Val Leu Lys Xaa
 100 105 110

Arg Leu Asn Trp Ile Gln Trp Ala Ser Leu Leu Thr Leu Phe Leu Ser
 115 120 125

10004550.120701

Ile Val Ala Leu Thr Ala Gly Thr Lys Thr Leu Gln His Asn Leu Ala
130 135 140

Gly Arg Gly Phe His His Asp Ala Phe Phe Ser Pro Ser Asn Ser Cys
145 150 155 160

Leu Leu Phe Arg Asn Glu Cys Pro Arg Lys Asp Asn Cys Thr Ala Lys
165 170 175

Glu Trp Thr Phe Pro Glu Ala Lys Trp Asn Thr Thr Ala Arg Val Phe
180 185 190

Ser His Ile Arg Leu Gly Met Gly His Val Leu Ile Ile Val Gln Cys
195 200 205

Phe Ile Ser Ser Met Ala Asn Ile Tyr Asn Glu Lys Ile Leu Lys Glu
210 215 220

Gly Asn Gln Leu Thr Glu Xaa Ile Phe Ile Gln Asn Ser Lys Leu Tyr
225 230 235 240

Phe Phe Gly Ile Leu Phe Asn Gly Leu Thr Leu Gly Leu Gln Arg Ser
245 250 255

Asn Arg Asp Gln Ile Lys Asn Cys Gly Phe Phe Tyr Gly His Ser
260 265 270

<210> 1104

<211> 30

<212> PRT

<213> Homo sapiens

<400> 1104

Thr Val Asn Val Cys Ser Glu Leu Val Lys Leu Val Phe Cys Val Leu
1 5 10 15

Val Ser Phe Cys Val Ile Lys Lys Asp His Gln Ser Arg Asn
20 25 30

<210> 1105

<211> 31

<212> PRT

<213> Homo sapiens

<400> 1105

Leu Ile Val Phe Tyr Val Leu Ser Tyr Leu Gln Pro Ala Met Ala Val
1 5 10 15

Ile Phe Ser Asn Phe Ser Ile Ile Thr Thr Ala Leu Leu Phe Arg
20 25 30

<210> 1106

<211> 27

<212> PRT

10004560-120701

<213> Homo sapiens

<400> 1106

Phe Phe Ser Pro Ser Asn Ser Cys Leu Leu Phe Arg Asn Glu Cys Pro
1 5 10 15

Arg Lys Asp Asn Cys Thr Ala Lys Glu Trp Thr
20 25

<210> 1107

<211> 28

<212> PRT

<213> Homo sapiens

<400> 1107

Tyr Phe Phe Gly Ile Leu Phe Asn Gly Leu Thr Leu Gly Leu Gln Arg
1 5 10 15

Ser Asn Arg Asp Gln Ile Lys Asn Cys Gly Phe Phe
20 25

<210> 1108

<211> 94

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (25)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1108

Asn Ser Val Pro Asn Leu Gln Thr Leu Ala Val Leu Thr Glu Ala Ile
1 5 10 15

Gly Pro Glu Pro Ala Ile Pro Arg Xaa Pro Arg Glu Pro Pro Val Ala
20 25 30

Thr Ser Thr Pro Ala Thr Pro Ser Ala Gly Pro Gln Pro Leu Pro Thr
35 40 45

Gly Thr Val Leu Val Pro Gly Gly Pro Ala Pro Pro Cys Leu Gly Glu
50 55 60

Ala Trp Ala Leu Leu Leu Pro Pro Cys Arg Pro Ser Leu Thr Ser Cys
65 70 75 80

Phe Trp Ser Pro Arg Pro Ser Pro Trp Lys Glu Thr Gly Val
85 90

<210> 1109

<211> 64

<212> PRT

<213> Homo sapiens

10004360-12001

<220>
 <221> SITE
 <222> (53)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 1109
 Val Thr Ala Gly Arg Val Gly Gly Gly Gly Pro Met Pro Pro Gln Gly
 1 5 10 15
 Lys Val Gly Gln Asp Pro Gln Gly Pro Ala Arg Ser Arg Leu Gly Gly
 20 25 30
 Ala Gly Ala Arg Gln Arg Val Trp Gln Val Trp Thr Trp Gln Gln Ala
 35 40 45
 Ala Pro Gly Gly Xaa Gly Gly Trp Arg Ala Leu Gly Gln Trp Pro Gln
 50 55 60

<210> 1110
 <211> 26
 <212> PRT
 <213> Homo sapiens

<400> 1110
 Ser Thr Pro Ala Thr Pro Ser Ala Gly Pro Gln Pro Leu Pro Thr Gly
 1 5 10 15
 Thr Val Leu Val Pro Gly Gly Pro Ala Pro
 20 25

<210> 1111
 <211> 19
 <212> PRT
 <213> Homo sapiens

<400> 1111
 Gln Asp Pro Gln Gly Pro Ala Arg Ser Arg Leu Gly Gly Ala Gly Ala
 1 5 10 15

Arg Gln Arg

<210> 1112
 <211> 40
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (28)
 <223> Xaa equals any of the naturally occurring L-amino acids

10004360-120701

<400> 1115

Ala Ser Thr Leu Gln Pro Ser Leu Ser Pro Ser Ser Pro Pro Leu Xaa
 1 5 10 15

Pro Pro Val Glu Thr Ala Val Xaa Ser Arg Ala Leu Arg Arg Glu Gly
 20 25 30

Ala Gly Ser Phe Pro Gly Ser Asn Ile Leu Ala Leu Val Thr Gln Val
 35 40 45

Ser Leu His Leu Arg Ser Ser Val Asp Ala Leu Leu Glu Gly Asn Arg
 50 55 60

Tyr Val Thr Gly Trp Phe Ser Pro Tyr His Arg Gln Arg Lys Leu Ile
 65 70 75 80

His Pro Val

<210> 1116

<211> 292

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (11)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (15)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (35)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (36)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (39)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (40)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (45)

10004850-120701

$\langle 220 \rangle$

<222> (91)

<220>

<222> (255)

 $\langle 220 \rangle$

<222> (256)

 $\langle 220 \rangle$

<222> (257)

 $\langle 220 \rangle$

<222> (258)

<400> 1116

Ser Ala Pro Thr Thr Ala Ser Gly Ser Ser Ser Thr Arg Ser Trp Phe
145 150 155 160

Ser Thr Ser Ser Pro Gln Arg Ser Ala Ser Trp His Ser Gly Ala Pro
 165 170 175
 Ser Cys Arg Ser Trp Arg Leu Pro Cys Ser Trp Leu Ser Thr Arg Met
 180 185 190
 Pro Trp Arg Ser Gly Trp Arg Lys Thr Cys Thr Pro Ala Cys Ser Gly
 195 200 205
 Cys Lys Leu Cys Cys Arg Thr Ser Ala Arg Cys Leu Pro Pro Arg Cys
 210 215 220
 His Pro Pro Ala Leu Ala Gly Thr Leu Leu Arg Thr Pro Glu Gly Arg
 225 230 235 240
 Ala His Ala Arg Gly Leu Leu Leu Glu Ala Gly Gly Ala Leu Xaa Xaa
 245 250 255
 Xaa Xaa Ala Trp Ala Ile Arg Pro Thr Trp Ala Ser Cys Pro Leu Ala
 260 265 270
 Gln Gln Cys Leu Ala His Thr Gln Phe Leu Arg Ala Leu Gly Ser Pro
 275 280 285
 Trp Gly Arg Asp
 290

<210> 1117

<211> 235

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (52)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (164)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (209)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (210)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (211)

<223> Xaa equals any of the naturally occurring L-amino acids

10004550 120701

<400> 1117

Phe Gln Glu Asp Leu Met Lys Met Leu Lys Arg Lys Trp Arg Thr Phe
 1 5 10 15
 Ser Gly Phe Pro Ala Trp Lys Lys Arg Thr Leu Leu Gly Lys His Pro
 20 25 30
 Ala Ala Leu Pro Val Pro Phe Phe Pro Ser Pro Ser Pro Ala Arg Gly
 35 40 45
 Asp Ser Cys Xaa Gln Gln Gly Ser Pro Gln Gly Gly Gly Arg Leu Leu
 50 55 60
 Pro Trp Gln Gln His Pro Cys Pro Cys His Thr Ser Gln Pro Pro Ser
 65 70 75 80
 Ala Gln Leu Cys Gly Cys Ala Ala Gly Gly Gln Gln Val Cys His Trp
 85 90 95
 Leu Val Gln Pro Leu Pro Pro Pro Ala Glu Ala His Pro Pro Gly His
 100 105 110
 Gly Ser Ala His Pro Ala Arg Ser Ala Gln Pro Pro Gly Thr Val Glu
 115 120 125
 His Pro Arg Ala Gly Ala Gly Gly Cys Pro Ala Ala Gly Phe Leu Pro
 130 135 140
 Gly Cys Arg Gly Gly Val Ala Gly Gly Lys Arg Ala Pro Gln Pro Ala
 145 150 155 160
 Ala Ala Ala Xaa Ser Ala Ala Gly Pro Gln Arg Gly Val Cys Pro Pro
 165 170 175
 Ala Ala Thr His Gln Pro Trp Gln Gly Arg Cys Ser Gly Pro Leu Arg
 180 185 190
 Gly Glu Leu Met Pro Gly Gly Ser Cys Trp Arg Leu Gly Gly Leu Cys
 195 200 205
 Xaa Xaa Xaa Trp Pro Gly Gln Tyr Gly Pro Arg Gly Arg Arg Ala Leu
 210 215 220
 Trp Pro Ser Ser Val Leu Pro Thr Leu Ser Ser
 225 230 235

<210> 1118

<211> 241

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (151)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

TOGETHER

<221> SITE
 <222> (197)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (198)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (202)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (203)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (206)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (207)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (227)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 1118
 Ala Leu Pro Ser Gly Val Leu Ser Asn Val Pro Ala Arg Ala Gly Gly
 1 5 10 15
 Trp Gln Arg Gly Gly Arg His Leu Ala Glu Val Leu Gln Gln Ser Leu
 20 25 30
 Gln Pro Leu Gln Ala Gly Val His Val Phe Leu Gln Pro Leu Leu His
 35 40 45
 Gly Ile Arg Val Glu Ser Gln Leu Gln Gly Ser Leu Gln Leu Leu His
 50 55 60
 Glu Gly Ala Pro Leu Cys Gln Glu Ala Glu Arg Cys Gly Leu Asp Val
 65 70 75 80
 Leu Asn His Asp Arg Val Asp Glu Leu Pro Leu Ala Val Val Gly Ala
 85 90 95
 Glu Pro Ala Ser Asp Ile Pro Val Ala Leu Gln Gln Arg Ile His Arg
 100 105 110
 Ala Ala Gln Met Glu Ala Asp Leu Cys Asp Lys Gly Lys Asp Val Ala
 115 120 125

10004360-120701

Gln Pro Pro Gly Thr Val Glu His Pro Arg Ala Gly Ala Gly Gly Cys
 1 5 10 15

Pro Ala Ala Gly Phe Leu Pro Gly Cys Arg Gly
 20 25

<210> 1122

<211> 17

<212> PRT

<213> Homo sapiens

<400> 1122

Ser Val Phe Glu Arg Thr Asn Glu Phe Arg Asp Val Leu Trp Ser Ser
 1 5 10 15

Ile

<210> 1123

<211> 97

<212> PRT

<213> Homo sapiens

<400> 1123

Gly Val Val Gln Val Thr Phe Met Ser Ser Val Ser Arg Val Thr Trp
 1 5 10 15

Gly Cys Gln Pro Ser Ile Cys Pro Gly Ala Pro Pro Ala Ala Ala Leu
 20 25 30

Ala Gly Gly Leu Arg Leu Leu Phe Glu Arg Glu Leu Phe Gly Leu Pro
 35 40 45

Val Ser Ser Pro Leu Ile Cys Ser Phe Leu Glu His His Pro Arg Thr
 50 55 60

Ser Pro Pro Pro Ser Asp Cys Glu Leu Leu Glu Gly Arg Ser Cys Val
 65 70 75 80

Leu Leu Phe Ile Phe Leu Ser Pro Glu Pro Cys Thr Asp Pro Gly Met
 85 90 95

Trp

<210> 1124

<211> 101

<212> PRT

<213> Homo sapiens

<400> 1124

Ser Lys Gln Ile His Ser Phe Val His Ser Phe Ile His Leu Phe Asn
 1 5 10 15

Thr His Leu Leu Ser Thr Tyr His Ile Pro Gly Ser Val Gln Gly Ser

10004360-120701

20 25 30

Gly Asp Arg Lys Met Asn Arg Arg Thr Gln Leu Leu Pro Ser Arg Ser
35 40 45

Ser Gln Ser Asp Gly Gly Gly Asp Val Leu Gly Trp Cys Ser Lys Lys
50 55 60

Glu Gln Ile Arg Gly Glu Glu Thr Gly Arg Pro Asn Ser Ser Leu Ser
65 70 75 80

Lys Arg Ser Leu Arg Pro Pro Ala Arg Ala Ala Ala Gly Gly Ala Pro
85 90 95

Gly Gln Met Leu Gly
100

<210> 1125
<211> 28
<212> PRT
<213> Homo sapiens

<400> 1125
Val Thr Trp Gly Cys Gln Pro Ser Ile Cys Pro Gly Ala Pro Pro Ala
1 5 10 15

Ala Ala Leu Ala Gly Gly Leu Arg Leu Leu Phe Glu
20 25

<210> 1126
<211> 23
<212> PRT
<213> Homo sapiens

<400> 1126
Glu Gln Ile Arg Gly Glu Glu Thr Gly Arg Pro Asn Ser Ser Leu Ser
1 5 10 15

Lys Arg Ser Leu Arg Pro Pro
20

<210> 1127
<211> 130
<212> PRT
<213> Homo sapiens

<400> 1127
Gln Trp Glu His Leu Leu Leu Pro His Leu Leu Arg Gly Ala His
1 5 10 15

Arg Asp Pro Gly Asp Ile Leu Pro Leu Ala Pro Arg Ser Glu Cys Arg
20 25 30

Ala Asn Ser Ile Lys Glu Tyr Gln Lys Ser Ile Trp Lys Val Tyr Val
35 40 45

1000460-100701

Leu Pro Ser Ser Phe Ser Leu Trp Glu Ser Leu Leu Val Ser Ser Ser

50 55 60
 Ser Glu Ser Leu Pro Leu Ser Glu Thr Ser Ser Ser Ser Ser Phe Thr
 65 70 75 80
 Ala Ala Ser Phe Pro Thr Thr Pro Phe Ala Cys Phe Cys Phe Cys Cys
 85 90 95
 Phe Asp Cys Gly Asn Ser Thr Gly Val Gly Phe Phe Phe Lys Gly Phe
 100 105 110
 Phe Phe Phe Asp Leu Ala Val Phe Leu Gly Pro Leu Leu Phe Cys Cys
 115 120 125
 His Pro Pro Phe Val Leu Phe Leu Leu Val Ser Pro Cys Pro Ser Ser
 130 135 140
 Ala Gly Cys Ser Ser Ala Ala Gln Met Asp Cys Ser Phe Ser Asn Thr
 145 150 155 160
 Ser Ala Ile Val Cys Leu Val Asn Leu Thr Asn Thr Val Thr Lys Asp
 165 170 175
 Pro Thr Val Met Leu Leu Leu Ser Ser Ser Ser Asn Thr Cys Asp Phe
 180 185 190
 Ile Ser Met Val Thr Tyr Gly Lys Leu Pro Arg Thr Ala Ile Thr Ser
 195 200 205
 Ser Tyr Phe Ser Ser Ser Arg Lys Cys Ser Arg Val
 210 215 220

<210> 1130
 <211> 35
 <212> PRT
 <213> Homo sapiens

<400> 1130
 Tyr Gln Lys Ser Ile Trp Lys Val Tyr Val Val Arg Leu Arg Leu Leu
 1 5 10 15
 Lys Pro Gln Pro Asn Ile Ile Pro Thr Val Lys Lys Ile Val Leu Leu
 20 25 30
 Ala Gly Trp
 35

<210> 1131
 <211> 35
 <212> PRT
 <213> Homo sapiens

<400> 1131
 Cys His Pro Pro Phe Val Leu Phe Leu Leu Val Ser Pro Cys Pro Ser
 1 5 10 15

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Ser Ala Gly Cys Ser Ser Ala Ala Gln Met Asp Cys Ser Phe Ser Asn
 20 25 30

Thr Ser Ala
 35

<210> 1132

<211> 26

<212> PRT

<213> Homo sapiens

<400> 1132

Gly Thr Ser Leu Asp Ala Ala Ala Thr Ala Ala Ser Leu Ser Pro Arg
 1 5 10 15

Gly Cys Arg Leu Arg Thr Pro Ser Ser Asp
 20 25

<210> 1133

<211> 99

<212> PRT

<213> Homo sapiens

<400> 1133

Gln Ile Gln Arg His Thr Arg Ala Pro Lys Gln Leu Ile Pro Leu Met
 1 5 10 15

Thr Pro Arg Arg Ser Leu Arg Asp His Pro Gln Ala Gln Thr Ser Arg
 20 25 30

Gln Thr Pro Arg Pro Ser Ser His Leu Val Phe Met Arg Met Thr Pro
 35 40 45

Ser Ser Met Met Asn Thr Pro Ser Gly Asn Gly Gly Cys Trp Ser Gln
 50 55 60

Leu Cys Cys Ser Ser Gln Ala Ser Ser Ser Ser Pro Val Ala Ser Ala
 65 70 75 80

Gly Ser Cys Pro Gly Tyr Ala Gly Ile Ile Ala Gly Glu Ser Ile Arg
 85 90 95

Asn Arg Ser

<210> 1134

<211> 27

<212> PRT

<213> Homo sapiens

<400> 1134

Pro Arg Arg Ser Leu Arg Asp His Pro Gln Ala Gln Thr Ser Arg Gln
 1 5 10 15

Thr Pro Arg Pro Ser Ser His Leu Val Phe Met

10004560-1001

20

25

<210> 1135

<211> 129

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (50)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1135

Thr	His	Pro	Pro	Glu	Thr	Gly	Ala	Val	Gly	Arg	Ser	Cys	Ala	Val	His
1				5					10					15	

His	Arg	His	His	His	Pro	His	Gln	Trp	Gln	Val	Gln	Ala	Ala	Val	Pro
			20					25					30		

Val	Met	Pro	Glu	Ser	Leu	Gln	Val	Ser	Pro	Ser	Glu	Thr	Gly	Ala	Asp
		35				40					45				

Asn	Xaa	Leu	Gly	Thr	Arg	Arg	Pro	Ser	Pro	Leu	Pro	Ala	His	Arg	Ala
	50					55					60				

Gln	Pro	Pro	Ala	Ser	Pro	Arg	Arg	Ala	Trp	Pro	Glu	Arg	Glu	Asp	Thr
65					70					75					80

Asp	Asp	Glu	Ala	Gly	Ala	Arg	Ala	Ala	Gly	Pro	Ser	Leu	Leu	Pro	Pro
				85					90					95	

Pro	Thr	Leu	Pro	Ala	Pro	Glu	Gly	Tyr	Leu	Ala	Pro	Trp	Gly	Leu	Ser
			100					105					110		

Leu	Lys	Leu	Ser	Pro	Leu	Leu	Arg	Gln	Lys	Val	Lys	His	Cys	Gly	Leu
		115					120					125			

Cys

<210> 1136

<211> 36

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (16)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1136

Pro	Glu	Ser	Leu	Gln	Val	Ser	Pro	Ser	Glu	Thr	Gly	Ala	Asp	Asn	Xaa
1				5					10					15	

Leu	Gly	Thr	Arg	Arg	Pro	Ser	Pro	Leu	Pro	Ala	His	Arg	Ala	Gln	Pro
			20					25						30	

1000460-120701

Pro Ala Ser Pro
35

<210> 1137
<211> 79
<212> PRT
<213> Homo sapiens

<400> 1137
Gly Thr Ala Pro Lys Ala Pro Gly Ser Leu Gln Gly Arg Ala Gly Leu
1 5 10 15

Gly Glu Val Gly Asp Ser Asp Arg Gln Pro Trp Leu Gln Leu His His
20 25 30

Leu Cys Leu Pro Ser Leu Ala Arg Leu Phe Glu Gly Met Gln Glu Ala
35 40 45

Gly His Gly Glu Leu Ala Gly Gly Leu Val Phe Gly Cys Pro Ala Gly
50 55 60

Cys Gln Leu Leu Phe Leu Met Asp Ser Pro Ala Met Ile Pro Ala
65 70 75

<210> 1138
<211> 34
<212> PRT
<213> Homo sapiens

<400> 1138
Gly Glu Val Gly Asp Ser Asp Arg Gln Pro Trp Leu Gln Leu His His
1 5 10 15

Leu Cys Leu Pro Ser Leu Ala Arg Leu Phe Glu Gly Met Gln Glu Ala
20 25 30

Gly His

<210> 1139
<211> 86
<212> PRT
<213> Homo sapiens

<400> 1139
Gly Ser Gly Gly Leu Ser Gly Arg Leu Cys Leu Gly Met Val Ser Gln
1 5 10 15

Arg Ala Ser Trp Cys His Gln Trp Asp Glu Leu Leu Trp Cys Ser Cys
20 25 30

Val Ser Leu Asp Leu Ser Leu Glu Ala His Pro Phe Leu Pro Val Ala
35 40 45

1000466012001

Val Asp Met Met Asn Asn Arg Phe Arg Lys Asp Met Met Lys Asn Ala
130 135 140

Thr Val Ala Arg Ile Ser Ile Cys Ala Val Pro Ser Arg Cys Thr Asp
 165 170 175

Cys Asp Gly Cys
 180

<210> 1143

<211> 218

<212> PRT

<213> Homo sapiens

<400> 1143

Leu Lys Glu Lys Ile Val Arg Ser Phe Glu Val Ser Pro Asp Gly Ser
 1 5 10 15

Phe Leu Leu Ile Asn Gly Ile Ala Gly Tyr Leu His Leu Leu Ala Met
 20 25 30

Lys Thr Lys Glu Leu Ile Gly Ser Met Lys Ile Asn Gly Arg Val Ala
 35 40 45

Ala Ser Thr Phe Ser Ser Asp Ser Lys Lys Val Tyr Ala Ser Ser Gly
 50 55 60

Asp Gly Glu Val Tyr Val Trp Asp Val Asn Ser Arg Lys Cys Leu Asn
 65 70 75 80

Arg Phe Val Asp Glu Gly Ser Leu Tyr Gly Leu Ser Ile Ala Thr Ser
 85 90 95

Arg Asn Gly Gln Tyr Val Ala Cys Gly Ser Asn Cys Gly Val Val Asn
 100 105 110

Ile Tyr Asn Gln Asp Ser Cys Leu Gln Glu Thr Asn Pro Lys Pro Ile
 115 120 125

Lys Ala Ile Met Asn Leu Val Thr Gly Val Thr Ser Leu Thr Phe Asn
 130 135 140

Pro Thr Thr Glu Ile Leu Ala Ile Ala Ser Glu Lys Met Lys Glu Ala
 145 150 155 160

Val Arg Leu Val His Leu Pro Ser Cys Thr Val Phe Ser Asn Phe Pro
 165 170 175

Val Ile Lys Asn Lys Asn Ile Ser His Val His Thr Met Asp Phe Ser
 180 185 190

Pro Arg Ser Gly Tyr Phe Ala Leu Gly Asn Glu Lys Gly Lys Ala Leu
 195 200 205

Met Tyr Arg Leu His His Tyr Ser Asp Phe
 210 215

<210> 1144

10004350-120701

<211> 167
 <212> PRT
 <213> Homo sapiens

<400> 1144

Lys Ile Asn Gly Arg Val Ala Ala Ser Thr Phe Ser Ser Asp Ser Lys
 1 5 10 15

Lys Val Tyr Ala Ser Ser Gly Asp Gly Glu Val Tyr Val Trp Asp Val
 20 25 30

Asn Ser Arg Lys Cys Leu Asn Arg Phe Val Asp Glu Gly Ser Leu Tyr
 35 40 45

Gly Leu Ser Ile Ala Thr Ser Arg Asn Gly Gln Tyr Val Ala Cys Gly
 50 55 60

Ser Asn Cys Gly Val Val Asn Ile Tyr Asn Gln Asp Ser Cys Leu Gln
 65 70 75 80

Glu Thr Asn Pro Lys Pro Ile Lys Ala Ile Met Asn Leu Val Thr Gly
 85 90 95

Val Thr Ser Leu Thr Phe Asn Pro Thr Thr Glu Ile Leu Ala Ile Ala
 100 105 110

Ser Glu Lys Met Lys Glu Ala Val Arg Leu Val His Leu Pro Ser Cys
 115 120 125

Thr Val Phe Ser Asn Phe Pro Val Ile Lys Asn Lys Asn Ile Ser His
 130 135 140

Val His Thr Met Asp Phe Ser Pro Arg Ser Gly Tyr Phe Ala Leu Gly
 145 150 155 160

Asn Glu Lys Gly Lys Ala Leu
 165

<210> 1145

<211> 58

<212> PRT

<213> Homo sapiens

<400> 1145

Trp Leu Leu Gly Leu Asp Asn Ala Val Ser Leu Phe Gln Val Asp Gly
 1 5 10 15

Lys Thr Asn Pro Lys Ile Gln Ser Ile Tyr Leu Glu Arg Phe Pro Ile
 20 25 30

Phe Lys Ala Cys Phe Ser Ala Asn Gly Glu Glu Val Leu Ala Thr Ser
 35 40 45

Thr His Ser Lys Val Leu Tyr Val Tyr Asp
 50 55

1000430-120701

<210> 1146
 <211> 23
 <212> PRT
 <213> Homo sapiens

<400> 1146
 Leu Val Phe Gly Asp Val Glu Asn Asp Glu Asp Ala Leu Leu Arg Arg
 1 5 10 15
 Leu Arg Gly Pro Arg Val Gln
 20

<210> 1147
 <211> 29
 <212> PRT
 <213> Homo sapiens

<400> 1147
 Lys Asn Ala Ser Glu Ser Lys Leu Ser Lys Asp Asn Leu Lys Lys Arg
 1 5 10 15
 Leu Lys Glu Glu Phe Gln His Ala Met Gly Gly Val Pro
 20 25

<210> 1148
 <211> 23
 <212> PRT
 <213> Homo sapiens

<400> 1148
 Ser Leu Pro Arg Gly Ile Leu Lys Met Lys Asn Cys Gln His Ala Asn
 1 5 10 15
 Ala Glu Arg Pro Thr Val Ala
 20

<210> 1149
 <211> 246
 <212> PRT
 <213> Homo sapiens

<400> 1149
 Met Arg Ile Leu Gln Leu Ile Leu Leu Ala Leu Ala Thr Gly Leu Val
 1 5 10 15
 Gly Gly Glu Thr Arg Ile Ile Lys Gly Phe Glu Cys Lys Leu His Ser
 20 25 30
 Gln Pro Trp Gln Ala Ala Leu Phe Glu Lys Thr Arg Leu Leu Cys Gly
 35 40 45
 Ala Thr Leu Ile Ala Pro Arg Trp Leu Leu Thr Ala Ala His Cys Leu
 50 55 60
 Lys Pro Arg Tyr Ile Val His Leu Gly Gln His Asn Leu Gln Lys Glu

10004660-20001

Asn Asn Ser Leu Pro Asn Lys Asp His Arg Asn Asp Ile Met Leu Val

	85		90		95
Lys Met Ala Ser Pro Val Ser Ile Thr Trp Ala Val Arg Pro Leu Thr	100		105		110
Leu Ser Ser Arg Cys Val Thr Ala Gly Thr Ser Cys Ser Phe Pro Ala	115		120		125
Gly Ala Ala Arg Pro Asp Pro Ser Tyr Ala Cys Leu Thr Pro Cys Asp	130		135		140
Ala Pro Thr Ser Pro Ser Leu Ser Thr Arg Ser Val Arg Thr Pro Thr	145		150		155
Pro Ala Thr Ser Gln Thr Pro Trp Cys Val Pro Ala Cys Arg Lys Gly	165		170		175
Ala Arg Thr Pro Ala Arg Val Thr Pro Gly Ala Leu Trp Ser Val Thr	180		185		190
Ser Leu Phe Lys Ala Leu Ser Pro Gly Ala Arg Ile Arg Val Arg Ser	195		200		205
Pro Glu Ser Leu Val Ser Thr Arg Lys Ser Ala Asn Met Trp Thr Gly	210		215		220
Ser Arg Arg Arg	225				

<210> 1151

<211> 74

<212> PRT

<213> Homo sapiens

<400> 1151

Cys Lys Leu His Ser Gln Pro Trp Gln Ala Ala Leu Phe Glu Lys Thr	1	5	10	15
---	---	---	----	----

Arg Leu Leu Cys Gly Ala Thr Leu Ile Ala Pro Arg Trp Leu Leu Thr	20	25	30
---	----	----	----

Ala Ala His Cys Leu Lys Pro Arg Tyr Ile Val His Leu Gly Gln His	35	40	45
---	----	----	----

Asn Leu Gln Lys Glu Glu Gly Cys Glu Gln Thr Arg Thr Ala Thr Glu	50	55	60
---	----	----	----

Ser Phe Pro His Pro Gly Phe Asn Asn Ser	65	70
---	----	----

<210> 1152

<211> 81

<212> PRT

<213> Homo sapiens

<220>

10004360-120701

<221> SITE
 <222> (21)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (22)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 1152
 Val Leu Gln Gly Arg Tyr Phe Ser Pro Ile Leu Glu Met Arg Arg Leu
 1 5 10 15

Arg Pro Glu Gly Xaa Xaa Asn Leu Pro Gly Gly Ser Arg Ala Gln Lys
 20 25 30

Glu Pro Arg Gln Asp Leu Thr Leu Val Leu Trp Pro His Cys Pro His
 35 40 45

Phe Ala Met Thr Arg Ser Tyr Val Pro Thr Lys Gln Cys Met Val Gln
 50 55 60

Gly Ser Phe Tyr Cys Ile Phe Ile Phe Lys Gly Pro Val Gln Asn Trp
 65 70 75 80

Cys

<210> 1153
 <211> 24
 <212> PRT
 <213> Homo sapiens

<400> 1153
 Cys Pro Arg Arg Arg Thr Cys Val Arg Val Glu Lys Ser Arg Pro Phe
 1 5 10 15

Gln Cys Gln Leu His Ser Ile Ser
 20

<210> 1154
 <211> 8
 <212> PRT
 <213> Homo sapiens

<400> 1154
 Pro Lys Glu Pro Gly Val Pro Glu
 1 5

<210> 1155
 <211> 104
 <212> PRT
 <213> Homo sapiens

<400> 1155

10004560-120701

Leu Gln Leu Lys Pro Arg Asp Pro Phe Ser Thr Leu Gly Pro Asn Ala
1 5 10 15

Val Leu Ser Pro Gln Arg Leu Val Leu Glu Thr Leu Ser Lys Leu Ser
20 25 30

Ile Gln Asp Asn Asn Val Asp Leu Ile Leu Ala Thr Pro Phe Ser
35 40 45

Arg Leu Glu Lys Leu Tyr Ser Thr Met Val Arg Phe Leu Ser Asp Arg
50 55 60

Lys Asn Pro Val Cys Arg Arg Trp Leu Trp Tyr Cys Trp Pro Thr Trp
65 70 75 80

Leu Arg Gly Thr Ala Trp Gln Leu Val Pro Leu Gln Cys Arg Arg Ala
85 90 95

Val Ser Ala Thr Ser Trp Ala Ser
100

<210> 1156

<211> 27

<212> PRT

<213> Homo sapiens

<400> 1156

Arg Asp Pro Phe Ser Thr Leu Gly Pro Asn Ala Val Leu Ser Pro Gln
1 5 10 15

Arg Leu Val Leu Glu Thr Leu Ser Lys Leu Ser
20 25

<210> 1157

<211> 105

<212> PRT

<213> Homo sapiens

<400> 1157

Glu Val Ile Ser Gly Leu Phe Ile Gln Ser Arg Arg Arg Glu Arg Gly
1 5 10 15

Gln Gly Val Val Gly Ser His Met Ile Leu Trp Gly Lys Ser Leu Phe
20 25 30

Phe Phe Ser Pro Gln Arg Leu Thr Lys Asn Ile Phe Lys Asn Tyr Ser
35 40 45

Leu Leu Leu Thr Gln Arg Phe Leu Phe Pro Cys Glu Thr Leu Leu Leu
50 55 60

Gln Tyr Val Tyr Ser Ile Arg Cys Thr Val Gln Tyr Met Lys Gly Ser
65 70 75 80

Thr Leu Tyr Cys Thr Gly Leu Ser Ser Glu Gln Gly Leu Phe Thr Thr
85 90 95

10004360-120701

Ala Asn Phe Leu Ala Pro Ala Arg Leu
100 105

<210> 1158
<211> 23
<212> PRT
<213> Homo sapiens

<400> 1158
Ile Arg Cys Thr Val Gln Tyr Met Lys Gly Ser Thr Leu Tyr Cys Thr
1 5 10 15

Gly Leu Ser Ser Glu Gln Gly
20

<210> 1159
<211> 211
<212> PRT
<213> Homo sapiens

<220>
<221> SITE
<222> (103)
<223> Xaa equals any of the naturally occurring L-amino acids

<220>
<221> SITE
<222> (153)
<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1159
Met Pro Ile Ile Asp Gln Val Asn Pro Glu Leu His Asp Phe Met Gln
1 5 10 15

Ser Ala Glu Val Gly Thr Ile Phe Ala Leu Ser Trp Leu Ile Thr Trp
20 25 30

Phe Gly His Val Leu Ser Asp Phe Arg His Val Val Arg Leu Tyr Asp
35 40 45

Phe Phe Leu Ala Cys His Pro Leu Met Pro Ile Tyr Phe Ala Ala Val
50 55 60

Ile Val Leu Tyr Arg Glu Gln Glu Val Leu Asp Cys Asp Cys Asp Met
65 70 75 80

Ala Ser Val His His Leu Leu Ser Gln Ile Pro Gln Asp Leu Pro Tyr
85 90 95

Glu Thr Leu Ile Ser Arg Xaa Glu Thr Phe Leu Phe Ser Phe Pro His
100 105 110

Pro Asn Leu Leu Gly Arg Pro Leu Pro Asn Ser Lys Leu Arg Gly Arg
115 120 125

1158-1159 Homo sapiens

Gln Pro Leu Leu Ser Lys Thr Leu Ser Trp His Gln Pro Ser Arg Gly
130 135 140

Leu Ile Trp Cys Cys Gly Ser Gly Xaa Arg Gly Leu Leu Arg Pro Glu
145 150 155 160

Asp Arg Thr Lys Asp Val Leu Thr Lys Pro Arg Thr Asn Arg Phe Val
165 170 175

Lys Leu Ala Val Met Gly Leu Thr Val Ala Leu Gly Ala Ala Ala Leu
180 185 190

Ala Val Val Lys Ser Ala Leu Glu Trp Ala Pro Lys Phe Gln Leu Gln
195 200 205

Leu Phe Pro
210

<210> 1160

<211> 70

<212> PRT

<213> Homo sapiens

<400> 1160

Cys Pro Glu Phe Phe Ile Pro Ala Thr Leu Pro Cys Pro Phe Val Phe
1 5 10 15

Ala Phe Thr Ser Glu Ala Ser Ser Arg Ala Tyr Leu Thr Gln Arg Gly
20 25 30

Pro Gly Gly Leu Ala Gln Asn Leu Met Pro Leu Pro Val Gly Phe Trp
35 40 45

Met Gly Ser Leu Pro Pro Pro Trp Cys Trp Arg Lys Trp Val Ser Glu
50 55 60

Ala Cys Ser Cys Phe Cys
65 70

<210> 1161

<211> 85

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1161

Cys Arg Gln Ala Gly Ala Val Arg Gly His Pro Met Phe Gln Phe Thr
1 5 10 15

Phe Tyr Gly Val Thr Xaa Arg Phe Pro Val Thr Arg Ala Ala Gln Ala
20 25 30

10004360-120701

Gln Gln Val Ala Lys Ala Ala Ala Ser Phe Arg Asn Pro Leu Pro Pro
 35 40 45

Thr Pro Gly Arg Trp Gln Arg Ala His Pro Lys Ala His Trp Glu Arg
 50 55 60

His Lys Ile Leu Cys Gln Ala Pro Arg Ser Pro Leu Cys Gln Val Gly
 65 70 75 80

Ser Ala Thr Gly Leu
 85

<210> 1162

<211> 217

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (109)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (159)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1162

His Ile Leu Asn Tyr Leu Met Pro Ile Ile Asp Gln Val Asn Pro Glu
 1 5 10 15

Leu His Asp Phe Met Gln Ser Ala Glu Val Gly Thr Ile Phe Ala Leu
 20 25 30

Ser Trp Leu Ile Thr Trp Phe Gly His Val Leu Ser Asp Phe Arg His
 35 40 45

Val Val Arg Leu Tyr Asp Phe Phe Leu Ala Cys His Pro Leu Met Pro
 50 55 60

Ile Tyr Phe Ala Ala Val Ile Val Leu Tyr Arg Glu Gln Glu Val Leu
 65 70 75 80

Asp Cys Asp Cys Asp Met Ala Ser Val His His Leu Leu Ser Gln Ile
 85 90 95

Pro Gln Asp Leu Pro Tyr Glu Thr Leu Ile Ser Arg Xaa Glu Thr Phe
 100 105 110

Leu Phe Ser Phe Pro His Pro Asn Leu Leu Gly Arg Pro Leu Pro Asn
 115 120 125

Ser Lys Leu Arg Gly Arg Gln Pro Leu Leu Ser Lys Thr Leu Ser Trp
 130 135 140

His Gln Pro Ser Arg Gly Leu Ile Trp Cys Cys Gly Ser Gly Xaa Arg
 145 150 155 160

10004560-120701

Gly Leu Leu Arg Pro Glu Asp Arg Thr Lys Asp Val Leu Thr Lys Pro
 165 170 175

Arg Thr Asn Arg Phe Val Lys Leu Ala Val Met Gly Leu Thr Val Ala
 180 185 190

Leu Gly Ala Ala Ala Leu Ala Val Val Lys Ser Ala Leu Glu Trp Ala
 195 200 205

Pro Lys Phe Gln Leu Gln Leu Phe Pro
 210 215

<210> 1163
 <211> 31
 <212> PRT
 <213> Homo sapiens

<400> 1163
 Ala Glu Val Gly Thr Ile Phe Ala Leu Ser Trp Leu Ile Thr Trp Phe
 1 5 10 15

Gly His Val Leu Ser Asp Phe Arg His Val Val Arg Leu Tyr Asp
 20 25 30

<210> 1164
 <211> 33
 <212> PRT
 <213> Homo sapiens

<400> 1164
 Val Leu Thr Lys Pro Arg Thr Asn Arg Phe Val Lys Leu Ala Val Met
 1 5 10 15

Gly Leu Thr Val Ala Leu Gly Ala Ala Ala Leu Ala Val Val Lys Ser
 20 25 30

Ala

<210> 1165
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 1165
 Gly Phe Gly Ser Val Ser Ala Ala Gly Arg Arg Ser Gly Gly Thr Trp
 1 5 10 15

Gln Pro Val Gln
 20

<210> 1166
 <211> 16

10/02/00 09:00:00

<212> PRT
 <213> Homo sapiens

<400> 1166
 Pro Gly Gly Leu Ala Val Gly Ser Arg Trp Trp Ser Arg Ser Leu Thr
 1 5 10 15

<210> 1167
 <211> 30
 <212> PRT
 <213> Homo sapiens

<400> 1167
 Leu Glu Pro Ser Arg Gln Arg Arg Pro Arg Arg Arg Gly Gly Thr Ser
 1 5 10 15

Arg Pro Glu Thr Asp Gln Arg Ala Lys Cys Trp Arg Gln Leu
 20 25 30

<210> 1168
 <211> 11
 <212> PRT
 <213> Homo sapiens

<400> 1168
 Val Cys Leu Arg Cys Gln Asn Arg Met Glu Asn
 1 5 10

<210> 1169
 <211> 367
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (22)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (34)
 <223> Xaa equals any of the naturally occurring L-amino acids

<220>
 <221> SITE
 <222> (102)
 <223> Xaa equals any of the naturally occurring L-amino acids

<400> 1169
 Met Ala Ala Cys Thr Ala Arg Arg Pro Gly Arg Gly Gln Pro Leu Val
 1 5 10 15

10004560-120701

Val Pro Val Ala Asp Xaa Gly Pro Val Ala Lys Ala Ala Leu Cys Ala
 20 25 30
 Ala Xaa Ala Gly Ala Phe Ser Pro Ala Ser Thr Thr Thr Thr Arg Arg
 35 40 45
 His Leu Ser Ser Arg Asn Arg Pro Glu Gly Lys Val Leu Glu Thr Val
 50 55 60
 Gly Val Phe Glu Val Pro Lys Gln Asn Gly Lys Tyr Glu Thr Gly Gln
 65 70 75 80
 Leu Phe Leu His Ser Ile Phe Gly Tyr Arg Gly Val Val Leu Phe Pro
 85 90 95
 Trp Gln Ala Arg Leu Xaa Asp Arg Asp Val Ala Ser Ala Ala Pro Glu
 100 105 110
 Lys Ala Glu Asn Pro Ala Gly His Gly Ser Lys Glu Val Lys Gly Lys
 115 120 125
 Thr His Thr Tyr Tyr Gln Val Leu Ile Asp Ala Arg Asp Cys Pro His
 130 135 140
 Ile Ser Gln Arg Ser Gln Thr Glu Ala Val Thr Phe Leu Ala Asn His
 145 150 155 160
 Asp Asp Ser Arg Ala Leu Tyr Ala Ile Pro Gly Leu Asp Tyr Val Ser
 165 170 175
 His Glu Asp Ile Leu Pro Tyr Thr Ser Thr Asp Gln Val Pro Ile Gln
 180 185 190
 His Glu Leu Phe Glu Arg Phe Leu Leu Tyr Asp Gln Thr Lys Ala Pro
 195 200 205
 Pro Phe Val Ala Arg Glu Thr Leu Arg Ala Trp Gln Glu Lys Asn His
 210 215 220
 Pro Trp Leu Glu Leu Ser Asp Val His Arg Glu Thr Thr Glu Asn Ile
 225 230 235 240
 Arg Val Thr Val Ile Pro Phe Tyr Met Gly Met Arg Glu Ala Gln Asn
 245 250 255
 Ser His Val Tyr Trp Trp Arg Tyr Cys Ile Arg Leu Glu Asn Leu Asp
 260 265 270
 Ser Asp Val Val Gln Leu Arg Glu Arg His Trp Arg Ile Phe Ser Leu
 275 280 285
 Ser Gly Thr Leu Glu Thr Val Arg Gly Arg Gly Val Val Gly Arg Glu
 290 295 300
 Pro Val Leu Ser Lys Glu Gln Pro Ala Phe Gln Tyr Ser Ser His Val
 305 310 315 320
 Ser Leu Gln Ala Ser Ser Gly His Met Trp Gly Thr Phe Arg Phe Glu

10004660-12001
 10004660-12001

325

330

335

Arg Pro Asp Gly Ser His Phe Asp Val Arg Ile Pro Pro Phe Ser Leu
 340 345 350

Glu Ser Asn Lys Asp Glu Lys Thr Pro Pro Ser Gly Leu His Trp
 355 360 365

<210> 1170

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1170

Met Ala Ala Cys Thr Ala Arg Arg Pro Gly Arg Gly Gln Pro Leu Val
 1 5 10 15

Val Pro Val Ala Asp Xaa Gly Pro Val Ala Lys Ala Ala Leu Cys Ala
 20 25 30

Ala

<210> 1171

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1171

Met Ala Ala Cys Thr Ala Arg Arg Pro Gly Arg Gly Gln Pro Leu Val
 1 5 10 15

Val Pro Val Ala Asp Xaa Gly Pro Val Ala Lys Ala Ala Leu Cys Ala
 20 25 30

Ala

<210> 1172

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

10004650-120701

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1172

Met	Ala	Ala	Cys	Thr	Ala	Arg	Arg	Pro	Gly	Arg	Gly	Gln	Pro	Leu	Val
1				5					10					15	

Val	Pro	Val	Ala	Asp	Xaa	Gly	Pro	Val	Ala	Lys	Ala	Ala	Leu	Cys	Ala
			20				25						30		

Ala

<210> 1173

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1173

Met	Ala	Ala	Cys	Thr	Ala	Arg	Arg	Pro	Gly	Arg	Gly	Gln	Pro	Leu	Val
1				5					10					15	

Val	Pro	Val	Ala	Asp	Xaa	Gly	Pro	Val	Ala	Lys	Ala	Ala	Leu	Cys	Ala
			20				25						30		

Ala

<210> 1174

<211> 33

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (22)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1174

Met	Ala	Ala	Cys	Thr	Ala	Arg	Arg	Pro	Gly	Arg	Gly	Gln	Pro	Leu	Val
1				5					10					15	

Val	Pro	Val	Ala	Asp	Xaa	Gly	Pro	Val	Ala	Lys	Ala	Ala	Leu	Cys	Ala
			20				25						30		

Ala

<210> 1175

<211> 35

10004800-120701

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<400> 1175
Val Leu Glu Thr Val Gly Val Phe Glu Val Pro Lys Gln Asn Gly Lys
  1                      5                      10                      15
Tyr Glu Thr Gly Gln Leu Phe Leu His Ser Ile Phe Gly Tyr Arg Gly
      20                      25                      30
Val Val Leu
      35

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<400> 1176
Gly Leu Asp Tyr Val Ser His Glu Asp Ile Leu Pro Tyr Thr Ser Thr
1 5 10 15

<400> 1177
Asp Val His Arg Glu Thr Thr Glu Asn Ile Arg Val Thr Val Ile Pro
1 5 10 15

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<210> 1178
<211> 21
<212> PRT
<213> Homo sapiens
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Gln Leu Arg Glu Arg
20

```
<210> 1179  
<211> 26  
<212> PRT  
<213> Homo sapiens
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<400> 1179

Pro Ala Phe Gln Tyr Ser Ser His Val Ser Leu Gln Ala Ser Ser Gly
 1 5 10 15

His Met Trp Gly Thr Phe Arg Phe Glu Arg
 20 25

<210> 1180

<211> 230

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (114)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (182)

<223> Xaa equals any of the naturally occurring L-amino acids

<220>

<221> SITE

<222> (194)

<223> Xaa equals any of the naturally occurring L-amino acids

<400> 1180

Arg Leu Pro Ser His Lys Arg Arg Cys Phe Cys Leu Val Ile Gln Lys
 1 5 10 15

Lys Ser Phe Lys Glu Phe Met Leu Asp Gly Asn Leu Ile Ser Gly Gly
 20 25 30

Val Gly Glu Asp Val Phe Met Ala Asp Ile Val Gln Ala Trp Asp Gly
 35 40 45

Ile Glu Gly Pro Thr Val Ile Met Val Ser Gln Glu Gly His Ser Phe
 50 55 60

Cys Leu Arg Ser Leu Arg Tyr Met Trp Ala Val Thr Ser Ile Asn Gln
 65 70 75 80

His Leu Ile Val Ser Val Ser Phe Ala Phe His Leu Leu Gly Ala Met
 85 90 95

Ala Ser Arg Val Leu Cys Phe Phe Trp Ser Cys Arg Ser His Ile Pro
 100 105 110

Val Xaa Gln Ser Gly Leu Pro Gly Lys Gln Asp Asp Thr Ser Val Ala
 115 120 125

Lys Asn Ala Met Lys Glu Lys Leu Pro Gly Leu Ile Phe Ser Ile Leu
 130 135 140

Phe Trp His Leu Lys His Thr Asn Cys Leu Gln His Phe Ala Leu Trp
 145 150 155 160

10004860-12001

<210> 1184
<211> 11

<212> PRT
 <213> Homo sapiens

<400> 1184
 Ser Leu Cys Cys Pro Glu Gly Ala Glu Gly Cys
 1 5 10

<210> 1185
 <211> 12
 <212> PRT
 <213> Homo sapiens

<400> 1185
 Gln Leu Lys Lys Thr His Tyr Asp Arg Pro Cys Pro
 1 5 10

<210> 1186
 <211> 12
 <212> PRT
 <213> Homo sapiens

<400> 1186
 Gln Leu Lys Lys Thr His Tyr Asp Arg Pro Cys Pro
 1 5 10

<210> 1187
 <211> 29
 <212> PRT
 <213> Homo sapiens

<400> 1187
 Met Asn Arg Pro Cys Pro Phe Cys Leu Trp Lys Val Phe Pro Leu Leu
 1 5 10 15

Leu Leu Leu His Glu Glu Leu Phe Pro Leu Pro Val Pro
 20 25

<210> 1188
 <211> 33
 <212> PRT
 <213> Homo sapiens

<400> 1188
 Lys Glu Lys Thr Phe Thr Pro Arg Asn Ser Leu Cys Cys Pro Glu Gly
 1 5 10 15

Ala Glu Gly Cys Ile Ala Gly Gly Asp Leu Gln Leu Lys Lys Thr His
 20 25 30

Tyr

<210> 1189

10004560-12070

<210> 1192
 <211> 17
 <212> PRT
 <213> Homo sapiens

<400> 1192
 Met Glu Trp Thr Asn Lys Arg Pro Val Ile Arg Met Asn Gly Asp Lys
 1 5 10 15

Phe

<210> 1193
 <211> 56
 <212> PRT
 <213> Homo sapiens

<400> 1193
 Arg Arg Leu Val Lys Ala Pro Pro Arg Asn Tyr Ser Val Ile Val Met
 1 5 10 15

Phe Thr Ala Leu Gln Leu His Arg Gln Cys Val Val Cys Lys Gln Ala
 20 25 30

Asp Glu Glu Phe Gln Ile Leu Ala Asn Ser Trp Arg Tyr Ser Ser Ala
 35 40 45

Phe Thr Asn Arg Ile Phe Phe Ala
 50 55

<210> 1194
 <211> 31
 <212> PRT
 <213> Homo sapiens

<400> 1194
 Met Val Asp Phe Asp Glu Gly Ser Asp Val Phe Gln Met Leu Asn Met
 1 5 10 15

Asn Ser Ala Pro Thr Phe Ile Asn Phe Pro Ala Lys Gly Lys Pro
 20 25 30

<210> 1195
 <211> 37
 <212> PRT
 <213> Homo sapiens

<400> 1195
 Lys Arg Gly Asp Thr Tyr Glu Leu Gln Val Arg Gly Phe Ser Ala Glu
 1 5 10 15

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Gln Ile Ala Arg Trp Ile Ala Asp Arg Thr Asp Val Asn Ile Arg Val
 20 25 30

Ile Arg Pro Pro Asn
 35

<210> 1196
 <211> 44
 <212> PRT
 <213> Homo sapiens

<400> 1196
 Tyr Ala Gly Pro Leu Met Leu Gly Leu Leu Leu Ala Val Ile Gly Gly
 1 5 10 15

Leu Val Tyr Leu Arg Arg Val Ile Trp Asn Phe Ser Leu Ile Lys Leu
 20 25 30

Asp Gly Leu Leu Gln Leu Cys Val Leu Cys Leu Leu
 35 40

<210> 1197
 <211> 17
 <212> PRT
 <213> Homo sapiens

<400> 1197
 Asp Ala Val Phe Lys Gly Phe Ser Asp Cys Leu Leu Lys Leu Gly Asp
 1 5 10 15

Ser

<210> 1198
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 1198
 Cys Gln Glu Gly Ala Lys Asp Met Trp Asp Lys Leu Arg Lys Glu Ser
 1 5 10 15

Lys Asn Leu Asn
 20

<210> 1199
 <211> 16
 <212> PRT
 <213> Homo sapiens

<400> 1199
 Val Leu Leu Val Ser Leu Ser Ala Ala Leu Ala Thr Trp Leu Ser Phe
 1 5 10 15

10004350-120701

<210> 1200
 <211> 48
 <212> PRT
 <213> Homo sapiens

<400> 1200
 Met Gly Leu Lys Leu Asn Gly Arg Tyr Ile Ser Leu Ile Leu Ala Val
 1 5 10 15
 Gln Ile Ala Tyr Leu Val Gln Ala Val Arg Ala Ala Gly Lys Cys Asp
 20 25 30
 Ala Val Phe Lys Gly Phe Ser Asp Cys Leu Leu Lys Leu Gly Asp Ser
 35 40 45

<210> 1201
 <211> 90
 <212> PRT
 <213> Homo sapiens

<400> 1201
 Pro Ala Ala Trp Asp Asp Lys Thr Asn Ile Lys Thr Val Cys Thr Tyr
 1 5 10 15
 Trp Glu Asp Phe His Ser Cys Thr Val Thr Ala Leu Thr Asp Cys Gln
 20 25 30
 Glu Gly Ala Lys Asp Met Trp Asp Lys Leu Arg Lys Glu Ser Lys Asn
 35 40 45
 Leu Asn Ile Gln Gly Ser Leu Phe Glu Leu Cys Gly Ser Gly Asn Gly
 50 55 60
 Ala Ala Gly Ser Leu Leu Pro Ala Phe Pro Val Leu Leu Val Ser Leu
 65 70 75 80
 Ser Ala Ala Leu Ala Thr Trp Leu Ser Phe
 85 90

<210> 1202
 <211> 143
 <212> PRT
 <213> Homo sapiens

<220>
 <221> SITE
 <222> (49)
 <223> Xaa equals any of the naturally occurring L-amino acids

10004860-12001

<220>
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 <223> Xaa equals any of the naturally occurring L-amino acids

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<220>
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<400> 1202
 Met Gly Leu Lys Leu Asn Gly Arg Tyr Ile Ser Leu Ile Leu Ala Val
 1 5 10 15
 Gln Ile Ala Tyr Leu Val Gln Ala Val Arg Ala Ala Gly Lys Cys Asp
 20 25 30
 Ala Val Phe Lys Gly Phe Ser Asp Cys Leu Leu Lys Leu Gly Asp Ser
 35 40 45
 Xaa Xaa Xaa Xaa Xaa Pro Ala Ala Trp Asp Asp Lys Thr Asn Ile Lys
 50 55 60
 Thr Val Cys Thr Tyr Trp Glu Asp Phe His Ser Cys Thr Val Thr Ala
 65 70 75 80
 Leu Thr Asp Cys Gln Glu Gly Ala Lys Asp Met Trp Asp Lys Leu Arg
 85 90 95
 Lys Glu Ser Lys Asn Leu Asn Ile Gln Gly Ser Leu Phe Glu Leu Cys
 100 105 110
 Gly Ser Gly Asn Gly Ala Ala Gly Ser Leu Leu Pro Ala Phe Pro Val
 115 120 125
 Leu Leu Val Ser Leu Ser Ala Ala Leu Ala Thr Trp Leu Ser Phe
 130 135 140

<210> 1203
 <211> 34
 <212> PRT
 <213> Homo sapiens

<400> 1203
 Met Asn Ser Ala Ala Gly Phe Ser His Leu Asp Arg Arg Glu Arg Val
 1 5 10 15

10004860-120701

Leu Lys Leu Gly Glu Ser Phe Glu Lys Gln Pro Arg Cys Ala Ser Thr
 20 25 30

Leu Cys

<210> 1204
 <211> 28
 <212> PRT
 <213> Homo sapiens

<400> 1204
 Thr Ile Tyr Pro Thr Glu Glu Glu Leu Gln Ala Val Gln Lys Ile Val
 1 5 10 15

Ser Ile Thr Glu Arg Ala Leu Lys Leu Val Ser Asp
 20 25

<210> 1205
 <211> 30
 <212> PRT
 <213> Homo sapiens

<400> 1205
 Arg Ala Leu Lys Gly Val Leu Arg Val Gly Val Leu Ala Lys Gly Leu
 1 5 10 15

Leu Leu Arg Gly Asp Arg Asn Val Asn Leu Val Leu Leu Cys
 20 25 30

<210> 1206
 <211> 39
 <212> PRT
 <213> Homo sapiens

<400> 1206
 Ala Leu Ala Ala Leu Arg His Ala Lys Trp Phe Gln Ala Arg Ala Asn
 1 5 10 15

Gly Leu Gln Ser Cys Val Ile Ile Ile Arg Ile Leu Arg Asp Leu Cys
 20 25 30

Gln Arg Val Pro Thr Trp Ser
 35

<210> 1207
 <211> 17
 <212> PRT
 <213> Homo sapiens

<400> 1207
 Gly Asp Ala Leu Arg Arg Val Phe Glu Cys Ile Ser Ser Gly Ile Ile
 1 5 10 15

10004860-120701

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<210> 1208
<211> 16
<212> PRT
<213> Homo sapiens
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<400> 1208
Leu Ala Phe Arg Gln Ile His Lys Val Leu Gly Met Asp Pro Leu Pro
1 5 10 15

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<210> 1209
<211> 342
<212> PRT
<213> Homo sapiens
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<400> 1209																
Thr	Ile	Tyr	Pro	Thr	Glu	Glu	Glu	Leu	Gln	Ala	Val	Gln	Lys	Ile	Val	
1				5					10					15		
Ser	Ile	Thr	Glu	Arg	Ala	Leu	Lys	Leu	Val	Ser	Asp	Ser	Leu	Ser	Glu	
			20					25					30			
His	Glu	Lys	Asn	Lys	Asn	Lys	Glu	Gly	Asp	Asp	Lys	Lys	Glu	Gly	Gly	
		35					40					45				
Lys	Asp	Arg	Ala	Leu	Lys	Gly	Val	Leu	Arg	Val	Gly	Val	Leu	Ala	Lys	
	50					55					60					
Gly	Leu	Leu	Leu	Arg	Gly	Asp	Arg	Asn	Val	Asn	Leu	Val	Leu	Leu	Cys	
65					70					75					80	
Ser	Glu	Lys	Pro	Ser	Lys	Thr	Leu	Leu	Ser	Arg	Ile	Ala	Glu	Asn	Leu	
				85					90					95		
Pro	Lys	Gln	Leu	Ala	Val	Ile	Ser	Pro	Glu	Lys	Tyr	Asp	Ile	Lys	Cys	
			100					105					110			
Ala	Val	Ser	Glu	Ala	Ala	Ile	Ile	Leu	Asn	Ser	Cys	Val	Glu	Pro	Lys	
		115					120					125				
Met	Gln	Val	Thr	Ile	Thr	Leu	Thr	Ser	Pro	Ile	Ile	Arg	Glu	Glu	Asn	
	130					135					140					
Met	Arg	Glu	Gly	Asp	Val	Thr	Ser	Gly	Met	Val	Lys	Asp	Pro	Pro	Asp	
145					150					155					160	
Val	Leu	Asp	Arg	Gln	Lys	Cys	Leu	Asp	Ala	Leu	Ala	Ala	Leu	Arg	His	
				165					170					175		
Ala	Lys	Trp	Phe	Gln	Ala	Arg	Ala	Asn	Gly	Leu	Gln	Ser	Cys	Val	Ile	
			180					185					190			

Ile Ile Arg Ile Leu Arg Asp Leu Cys Gln Arg Val Pro Thr Trp Ser
195 200 205

Asp Phe Pro Ser Trp Ala Met Glu Leu Leu Val Glu Lys Ala Ile Ser
210 215 220

Ser Ala Ser Ser Pro Gln Ser Pro Gly Asp Ala Leu Arg Arg Val Phe
225 230 235 240

Glu Cys Ile Ser Ser Gly Ile Ile Leu Lys Gly Ser Pro Gly Leu Leu
245 250 255

Asp Pro Cys Glu Lys Asp Pro Phe Asp Thr Leu Ala Thr Met Thr Asp
260 265 270

Gln Gln Arg Glu Asp Ile Thr Ser Ser Ala Gln Phe Ala Leu Arg Leu
275 280 285

Leu Ala Phe Arg Gln Ile His Lys Val Leu Gly Met Asp Pro Leu Pro
290 295 300

Gln Met Ser Gln Arg Phe Asn Ile His Asn Asn Arg Lys Arg Arg Arg
305 310 315 320

Asp Ser Asp Gly Val Asp Gly Phe Glu Ala Glu Gly Lys Lys Asp Lys
325 330 335

Lys Asp Tyr Asp Asn Phe
340

<210> 1210

<211> 12

<212> PRT

<213> Homo sapiens

<400> 1210

Met Glu Arg His Pro Lys Lys Lys Met Cys Ser Asp
1 5 10

<210> 1211

<211> 31

<212> PRT

<213> Homo sapiens

<400> 1211

Gly Glu Asn Ser Ser Ser Asp Phe Phe Pro Leu Phe Leu Phe Tyr Phe
1 5 10 15

Leu Val Ala Leu Ala Ser Pro Pro Ile Phe Val Ser Phe Ile Asn
20 25 30

<210> 1212

<211> 24

<212> PRT

10004860-120701

<213> Homo sapiens

<400> 1212

Met Gly Ser Gln His Ser Ala Ala Ala Arg Pro Ser Ser Cys Arg Arg
1 5 10 15

Lys Gln Glu Asp Asp Arg Asp Gly
20

<210> 1213

<211> 30

<212> PRT

<213> Homo sapiens

<400> 1213

Leu Leu Ala Glu Arg Glu Gln Glu Glu Ala Ile Ala Gln Phe Pro Tyr
1 5 10 15

Val Glu Phe Thr Gly Arg Asp Ser Ile Thr Cys Leu Thr Cys
20 25 30

<210> 1214

<211> 34

<212> PRT

<213> Homo sapiens

<400> 1214

Gln Gly Thr Gly Tyr Ile Pro Thr Glu Gln Val Asn Glu Leu Val Ala
1 5 10 15

Leu Ile Pro His Ser Asp Gln Arg Leu Arg Pro Gln Arg Thr Lys Gln
20 25 30

Tyr Val

<210> 1215

<211> 55

<212> PRT

<213> Homo sapiens

<400> 1215

Ala Arg Leu Asn Val Gly Arg Glu Ser Leu Lys Arg Glu Met Leu Lys
1 5 10 15

Ser Gln Gly Val Lys Val Ser Glu Ser Pro Met Gly Ala Arg His Ser
20 25 30

Ser Trp Pro Glu Gly Ala Ala Phe Cys Lys Lys Val Gln Gly Ala Gln
35 40 45

Met Gln Phe Pro Pro Arg Arg
50 55

10004660-120701

<210> 1216
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 1216
 Ala Arg Leu Asn Val Gly Arg Glu Ser Leu Lys Arg Glu Met Leu
 1 5 10 15

<210> 1217
 <211> 20
 <212> PRT
 <213> Homo sapiens

<400> 1217
 Leu Lys Ser Gln Gly Val Lys Val Ser Glu Ser Pro Met Gly Ala Arg
 1 5 10 15

His Ser Ser Trp
 20

<210> 1218
 <211> 17
 <212> PRT
 <213> Homo sapiens

<400> 1218
 Ala Phe Cys Lys Lys Val Gln Gly Ala Gln Met Gln Phe Pro Pro Arg
 1 5 10 15

Arg

<210> 1219
 <211> 17
 <212> PRT
 <213> Homo sapiens

<400> 1219
 Ala Phe Cys Lys Lys Val Gln Gly Ala Gln Met Gln Phe Pro Pro Arg
 1 5 10 15

Arg

<210> 1220
 <211> 26
 <212> PRT
 <213> Homo sapiens

<400> 1220
 Asn Phe Phe Phe Val Cys Leu Phe Lys Ser Ser Leu Arg Leu Val Asn
 1 5 10 15

10004860-120701

<400> 1224
Ala Arg Phe Gln Lys Ser Ile Glu Leu Gly Thr Leu Thr Ile Arg Ala
1 5 10 15

Lys Pro Phe His Asp Ser Glu Glu Leu Val Pro Leu Cys Tyr Arg Cys
 20 25 30

Ser Thr Asn Asn
 35

<210> 1225
 <211> 73
 <212> PRT
 <213> Homo sapiens

<400> 1225
 Pro Leu Leu Asn Asn Leu Gly Asn Val Cys Ile Asn Cys Arg Gln Pro
 1 5 10 15

Phe Ile Phe Ser Ala Ser Ser Tyr Asp Val Leu His Leu Val Glu Phe
 20 25 30

Tyr Leu Glu Glu Gly Ile Thr Asp Glu Glu Ala Ile Ser Leu Ile Asp
 35 40 45

Leu Glu Val Leu Arg Pro Lys Arg Asp Asp Arg Gln Leu Glu Ile Cys
 50 55 60

Lys Gln Gln Leu Pro Asp Ser Cys Gly
 65 70

<210> 1226
 <211> 29
 <212> PRT
 <213> Homo sapiens

<400> 1226
 Met Pro Tyr Ala Gln Trp Leu Ala Glu Asn Asp Arg Phe Glu Glu Ala
 1 5 10 15

Gln Lys Ala Phe His Lys Ala Gly Arg Gln Arg Glu Ala
 20 25

<210> 1227
 <211> 36
 <212> PRT
 <213> Homo sapiens

<400> 1227
 Phe Ser Val His Arg Pro Glu Thr Leu Phe Asn Ile Ser Arg Phe Leu
 1 5 10 15

Leu His Ser Leu Pro Lys Asp Thr Pro Ser Gly Ile Ser Lys Val Lys
 20 25 30

Ile Leu Phe Thr
 35

10004860-120701